

26th International Conference on Nuclear Engineering

Conference: July 22 – 26, 2018 Exhibition: July 23 – 26, 2018 Novotel London West London, England











Discover Nuclear Energy Books and Journals from Elsevier



Elsevier are a leading publisher of Energy content, publishing highly respected books and journals across a number of disciplines, including prestigious society titles. By delivering first class information and innovative tools, we continue to refine our portfolio to serve the needs of researchers, educators and students worldwide.

JOURNALS

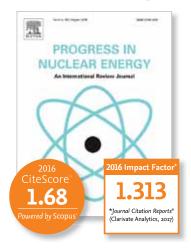
Annals of Nuclear Energy



Nuclear Engineering and Design

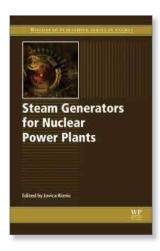


Progress in Nuclear Energy

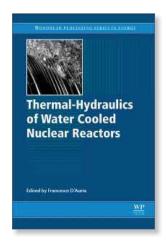


BOOKS

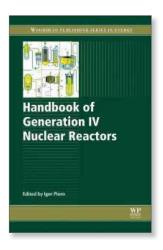
Steam Generators for Nuclear Power Plants



Thermal-Hydraulics of Water Cooled Nuclear Reactors



Handbook of Generation IV Nuclear Reactors



@ElsevierEnergy Elsevier Energy









Program at a Glance	2	Technical Program (Continued)	
Venue Floor Plans	4	Program Details by Day	
Welcome Letters	6	Sunday, July 22	27
Committee Listings	8	Monday, July 23	
ICONE Awards & Recognition	9	Monday, July 20	
Attendee Information	11	Tuesday, July 24	46
Social Events	13	Wednesday, July 25	57
Sponsors & Exhibitor Listing	14	Thursday, July 26	69
Nuclear Division & Committee Meetings Schedule	16	Track Chairs	88
Technical Program		Author Index	93
Panel Sessions	18	Session Index	104
Workshops	27	ICONE27 - Call for Papers	106

Contact ASME asme.org







Sunday, July 22 (pg 27)

Full Day Workshops 09:00 - 15:00

- Computational Fluid Dynamics (CFD) Bouzy, 1st Floor
- Thermal-Hydraulics Methods, **Experimentation and Benchmarking** Epernay. 1st Floor
- Nuclear Codes and Standards Reims, 1st Floor

Half Day Workshops AM 09:00 - 12:00

- Waterhammer Analysis Chalon, 1st Floor
- Part 1 Communication for Nuclear **Professionals** Alsace, Mezzanine Floor

Half Day Workshops PM 12:30 - 15:00

- Probability Safety Assessment and Severe Accidents Chalon, 1st Floor
- Part 2 International Communication about Nuclear Power Operation and **Safety Monitoring Technologies** Alsace, Mezzanine Floor

Technical Sessions 16:00 - 18:00

0&M 1-4	System and Equipment Operation
NFM 2-4	Reactor Physics: Methodology
	Development I
NFM 2-5	Reactor Physics: Methodology

Development II NFM 2-8 Zirconium-based Materials and

Zirconium Compounds Nuclear Fuel Safety and NFM 2-10

Performance Analysis II Reactor Physics: Methodology NFM 2-12 Development III

CFD 9-3 Single-phase Flow 10-10 D&D General Session II ת&ת Containment Issues: Cooling, MSB 11-2

Hydrogen, Fission Products SPC 16-6 **Neutronics Analysis and Reactor** Physics I

Nuclear Safety and Accident Analysis I

SPC 16-14 Thermalhydraulics I

Monday, July 23 (pg 34)

Opening Ceremonies &

Cremant. Keynote Plenary Session 08:30 - 10:00 1st Floor

Welcome and Opening Remarks

Marc Goldsmith, Past President, ASME

Zengguang Lei, Co-Chair ICONE26, Vice President CNS, Chief Engineer of CNNC

Naoya Sasaki, President, JSME The President of IMechE

Keynote Speaker One

The UK's Future Power Mix - the Role for Nuclear Tom Greatrex, The Nuclear Industry Association, UK

Keynote Speaker Two

New Nuclear Plants can Compete Against Fossil Energy (and Complement Renewables) if Best Practices Used

Kirsty Gogan, Energy for Humanity, UK

Coffee Break 10:00 - 10:30

Chablis Suite, **Ground Floor**

Cremant,

1st Floor

Plenary Session 10:30 - 12:30

Industry Leadership Forum

Keynote Speaker One Nuclear Energy Powering China's Green Development Zengguang Lei, China National Nuclear Corporation, CNS, China

Keynote Speaker Two

Overcoming Economic Challenges and Building Enduring Value:

A U.S. Nuclear Plant Operator's Perspective Christopher Mudrick, Exelon Nuclear, USA

Keynote Speaker Three

Public Engagement on Nuclear Energy

Andrew Sherry, National Nuclear Laboratory, UK

Keynote Speaker Four

Te

SPC 16-7

Japan's Nuclear Energy Policy

Shinjiro Takeda, Ministry of Economy, Trade and Industry, Japan

Lunch 12:30 - 14:00 Chablis Suite, Ground Floor

Tech	nnical	Sessions 14:00 – 16:00	Panel Session
0&M	1-1	System Transient Analysis	14:00 - 16:00
NFM	2-1	Nuclear Fuel Safety and	Panel #1:
		Performance Analysis I	Leak Before
PSS	3-6	Experimental Design	Break (LbB) and
I&C	4-1	Design and Reliability of DCS	Leakage Through
ARF	5-1	Fusion Technology I	Cracks
NSS	6-1	Nuclear Safety	
CSL	7-1	Regulatory Interactions with	(Cremant, 1st Floor)
		Codes and Standards I	
THS	8-1	Boiling Heat Transfer and	
		Rehavior I	

Physics II SPC 16-12 Nuclear Safety and Accident Analysis II

SPC 16-15 Thermalhydraulics II

Chablis Suite. Poster Session and Coffee Break 16:00 - 16:30 **Ground Floor**

Computational Fluid Dynamics I

Neutronics Analysis and Reactor

Technical Sessions 16:30 - 18:30

0&M 1-3 **Equipment and System Design**

NFM 2-2 Reactor Physics: Sensitivity and Uncertainty Analysis

PSS 3-11 Materials for advanced reactors

I&C 4-2 Safety of I&C Systems

Fission Reactors Design and Analyses Nuclear Security- Security Culture ΔRF 5-2 NSS 6-2

Regulatory Interactions with Codes and Standards II 7-2 CSL

D&D General Session I תאת 10-9

Nuclear Education and Public Acceptance I NEP 12-1

SPC 16-3 Computational Fluid Dynamics II

SPC 16-8 Nuclear Fuels and Materials I

SPC 16-13 Nuclear Safety and Accident Analysis III

16-16 Thermalhydraulics III

Opening Reception 18:30 - 20:30

Chablis Suite Ground Floor

Tuesday, July 24 (pg 46)

Plenary Session 8:30 - 10:00 **Current Status of Nuclear Power**

Cremant. 1st Floor

Keynote Speaker One

Current Status of Nuclear Power in China

Dongshan Zheng, General Nuclear International Ltd., China

Keynote Speaker Two

Transformative Efficiency: Innovation to Improve Operations and Maintenance

Ken Canavan, Westinghouse Flectric Company, USA

Keynote Speaker Three

Nuclear Energy in a Clean Energy Future

King Lee, Harmony Programme, China

Keynote Speaker Four

Hitachi-GE's Challenges to Continuous Supply of Advanced **Nuclear Technology**

Yasunori Inada, Hitachi-GE Nuclear Energy, Japan

and Coffee Break 10:00 - 10:30

Chablis Suite, **Ground Floor**

Technical Sessions 10:30 - 12:30

Reactor Physics: Monte Carlo Methods and NFM 2-3

Calculations I

Poster Session

Nuclear Fuel Safety and Performance Analysis IV High Temperature Components I NFM 2-6

PSS 3-8

ARF 5-5 Fusion Technology II

New Methodology for Codes and Standards CSL 7-3

THS 8-2 Supercritical Fluids I CFD 9-1 Vibration Analysis

Thermal Mixing I 9-4 CFD 9-8 CFD

Turbulent and Transient Flow SPC 16-1 Advanced Reactors and Fusion Technologies

16-5 Nuclear Components, Nuclear Waste and Radiation II

16-10 Nuclear Fuels and Materials II

16-17 Thermalhydraulics IV

Lunch 12:30 - 14:00 Chablis Suite, Ground Floor

Panel Sessions 14:00 - 16:00

Panel #2: Experience Feedback of

New Nuclear Power Plant Construction Cremant, 1st Floor

Panel #3: Robust Fuel Development Bouzy, 1st Floor

Panel #4: Communication with

Nuclear Stakeholders Chalon, 1st Floor

Panel #5: Fukushima-Daiichi Nuclear

Power Plant Decommissioning R&D

Reims, 1st Floor

Panel #6: V&V of Software Used to Analyze

Thermal-Hydraulics in Nuclear Systems Epernay, 1st Floor

Poster Session

and Coffee Break 16:00 - 16:30

Chablis Suite, **Ground Floor**

Technical Sessions 16:30 - 18:30 Equipment Reliability 0&M 1-2

PSS 3-9

High Temperature Components II 4-4 Control of SMR and Advanced Reactors

I&C NSS 6-4 Nuclear Accidents I

The Importance of Codes and Standards CSI 7-4

8-24 THS Advanced Reactors

CFD 9-6 **Bubbles**

CFD 9-7 Flow Through Complex Structures I Radiation Detection and Protection D&D 10-1

IPD 12-2 Nuclear Education and Public Acceptance II

SPC 16-4 Nuclear Components, Nuclear Waste and Radiation I SPC 16-18 Thermalhydraulics V

16-22 Measurement, Instrument and Control II

Conference Banquet 19:00 - 22:00 Twickenham Stadium, Rose Suite

Wednesday, July 25 (pg 57)

Plenary Session 08:30 - 10:00 Cremant. **Future of Nuclear Power** 1st Floor

Keynote Speaker One

Industrialization Application of the 3rd Generation Nuclear **Power Technology**

Fengxue Wang, State Nuclear Power Technology Corporation, China

Keynote Speaker Two

Nuclear Infrastructure and Capacity Building: Collaboration with the Next Generation of Young Professionals

Nathan Paterson, ENS YGN Chairman & Customer Account Manager - Civil Nuclear, Rolls-Royce

Keynote Speaker Three

Research and Development for Post-Fukushima Nuclear Systems

Koji Okamoto, The University of Toyko, Japan

Keynote Speaker Four

Tera of Nuclear Gas Turbines to Improve Economics and Meet Decarbonisation Targets by 2050

Pericles Pilidis. Cranfield University. UK

Poster Session Chablis Suite. and Coffee Break 10:00 - 10:30 Ground Floor

Technical	Sessions	10:30 -	12:30

Fracture and Failure
I & C Simulation Models and Systems I&C 4-5

ARF 5-4 Advanced Reactors General

NSS 6-6 **Emergency Preparedness**

CSI 7-5 Personnel Certifications, Regulatory Influence, and Computer Codes

THS 8-9

Modeling NPPs Using System Analysis Software I THS 8-12 Scaling and Seismic: Methodology, Development, and

Application THS 8-15 Natural Circulation Experiments, Phenomena, and

Analyses I

THS 8-21 Instability Experiments and Analyses 8-23 Fast Reactors: Experiments and Analyses I THS

CFD 9-2 Multi-phase flow Analysis I

CFD 9-14 Thermal Mixing II

Small Modular Reactors-SMR Water Cooled 13-1

Lunch 12:30 - 14:00 Chablis Suite, Ground Floor

Panel Sessions 14:00 - 16:00

Panel #7: Education and

Human Resources Development

Cremant, 1st Floor

Panel #8: Advanced Manufacturing Bouzy, 1st Floor

Panel #9: SMRs & Advanced Technologies Epernay, 1st Floor

Panel #10: Intelligent Technology

Application in Nuclear Power Plants Chalon, 1st Floor

Poster Session Chablis Suite. and Coffee Break 16:00 - 16:30 Ground Floor

Technical Sessions 16:30 - 18:30

PSS 3-10 Impact and Vibration Analyses 4-6 I &C Modeling and Software

ARF 5-3 Modeling and Simulation I

Radiation Source and Field Detection I NSS 6-8

Gas-cooled Reactor Experiments and Analyses Containment Related Experiments and Analyses THS 8-5 THS 8-11

Aerosols and Spent Fuel Pool Related Experiments and THS 8-13

Analyses

THS Fluid-Structure Interactions: Experiments and Analyses THS 8-19 Condensation Phenomena, Experiments, and Analyses

CFD 9-11 Multi-phase Flow Analysis II

D&D 10-2 IPD 13-2 Radioactive Waste

Sodium Cooled Reactors

RAM 14-1 Risk Assessment and Management I

Thursday, July 26 (pg 69)

Technical Sessions 08:30 - 10:30

NFM 2-7 **Future Reactor Concepts and Innovative Nuclear**

Applications

Seismic and Transient Analyses

NSS 6-5 Security of SMRs and Advanced Reactors I

THS 8-6 Thermal-hydraulic Experiments I THS

8-14 Core Experiments, Phenomena, and Modeling 8-30 THS Thermal-hydraulic Experiments III

8-36 **Equipment Design Studies II** THS

Heat Transfer 9-5 CFD

CFD 9-12 Multi-phase Flow Analysis III

Core Cooling, Core Degradation and In-Vessel Melt MSB 11-1 Retention

IPD 13-3 Advanced Reactors I

RAM 14-2

Risk Assessment and Management II Methodologies, Protocols, and Strategies for CVV 15-1

Conducting V&V

Chablis Suite, Coffee Break 10:30 - 11:00 Ground Floor

Technical Sessions 11:00 - 13:00

Nuclear Fuel Safety and Performance Analysis III NFM 2-11

PSS 3-13 Structural Materials

Radioactive Material Transport and Management NSS 6-9

Security of SMRs and Advanced Reactors II NSS 6-10

THS 8-27 Boiling Heat Transfer and Behavior II

Supercritical Fluids II 8-28

THS 8-31 Thermal-hydraulic Modeling: 1st Principle Physics and Correlations II

Modeling NPPs Using System Analysis Software II THS 8-33

CFD 9-9 Phase Change

Decommissioning and Sources D&D 10-3

IPD 13-4 Advanced Reactors II

RAM 14-3 Risk Assessment and Management III

V&V of High Fidelity Numerical Tools

Lunch 13:00 - 14:00 Chablis Suite, Ground Floor

Technical Sessions 14:00 - 16:00

Design Analyses I

ΔRF 5-6 Fission Reactors Design and Analyses II

6-7 NSS Nuclear Accidents II

Severe Accident Experiments and Analyses I THS 8-3

8-29 Thermal-hydraulic Experiments II THS

8-32 Thermal-hydraulic Modeling: 1st Principle Physics and Correlations III

Modeling NPPs Using System Analysis Software IV THS

THS 8-38 Fast Reactors: Experiments and Analyses II Flow Through Complex Structures II 9-10

CFD MSB 11-3 Ex-Vessel Phenomena

Molten Salt and Supercritical CO2 Cooled Reactors IPD 13-5

Risk Assessment and Management IV

V&V of Systems Analysis Numerical Analysis Tools I

Chablis Suite. Coffee Break 16:00 - 16:30 **Ground Floor**

Technical Sessions 16:30 - 18:30

Equipment Operation and Failure Analysis 0&M 1-5

PSS 3-4 Design Analyses II

ARF Modeling and Simulation II

THS 8-4 Severe Accident Experiments and Analyses II

Thermal-hydraulic Modeling and Probabilistic Risk Assessment Related Analyses THS 8-7

THS 8-20 Equipment Design Studies I

THS 8-39

Thermal-hydraulic Modeling: 1st Principle Physics and Correlations IV

Dose and Radiation Effects D&D 10-6 D&D 10-7 Decommissioning

Accident Analysis, Prevention and Mitigation Small Modular Reactors II MSR 11-4 IPD 13-6

Risk Assessment and Management V RAM 14-5

15-5 V&V of Systems Analysis Numerical Analysis Tools III

Note: All events take place at the Novotel West London except for the Gala Banquet which takes place at Twickenham Stadium.

Wi Fi Network

Complimentary WiFi is available throughout the meeting space. Connect to the 'Novotel' network and follow the instructions in your browser. No password is required.



Registration	Champagne Suite Foyer, 1st Floor
Sunday, July 22	08:00 - 19:00
Monday, July 23	07:00 - 18:30
Tuesday, July 24	08:00 - 17:30
Wednesday, July 25	08:00 - 17:30
Thursday, July 26	08:00 - 17:00
Exhibition	Chablis Suite,
	Ground Floor
Monday, July 23	10:00 - 20:30
Tuesday, July 24	09:30 - 19:30
Wednesday, July 25	09:30 - 19:30
Thursday, July 26	09:30 - 16:30

Key to Track Abbreviations

Advanced Reactors and Fusion Technologies

Codes, Standards, Licensing, and Regulatory Issues

Computational Fluid Dynamics (CFD)

Computer Code Verification and CVV Validation.

Decontamination & Decommissioning. Radiation Protection, and Waste Management

IPD Innovative Nuclear Power Plant Design and SMRs

1&C Instrumentation and Control (I&C) and Influence of Human Factors

Mitigation Strategies for Beyond Design Basis Events

Nuclear Education and Public Acceptance

NFM Nuclear Fuel and Material, Reactor Physics and Transport Theory

Nuclear Safety, Security, and Cyber Security 0&M Operations & Maintenance, Engineering,

and Balance of Plant Plant Systems, Structures, Components **PSS**

Modifications, Life extension, Life Cycle

and Materials

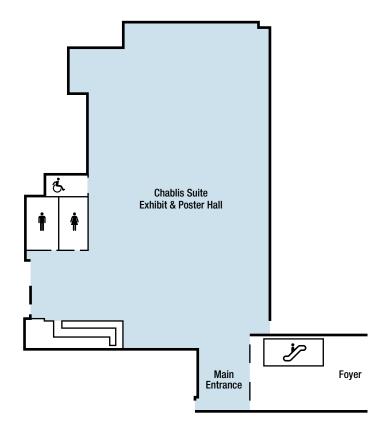
RAM Risk Assessments and Management **Student Paper Competition**

Thermal-Hydraulics and Safety Analyses

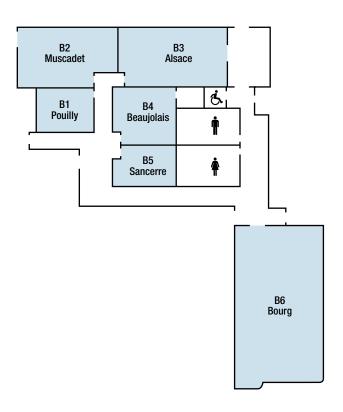
London Novotel West (LNW)

1 Shortlands, Hammersmith, London W6 8DR United Kingdom Phone: +44 (0)20 8741 1555 www.novotellondonwest.co.uk

Chablis Suite - Exhibit & Poster Hall (Ground Floor)

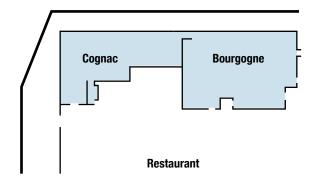


Mezzanine Floor

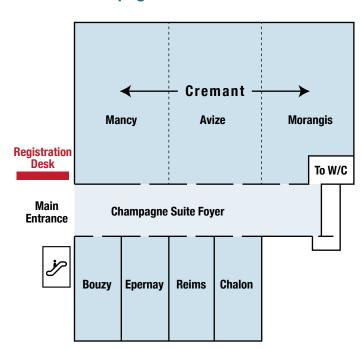


First Floor

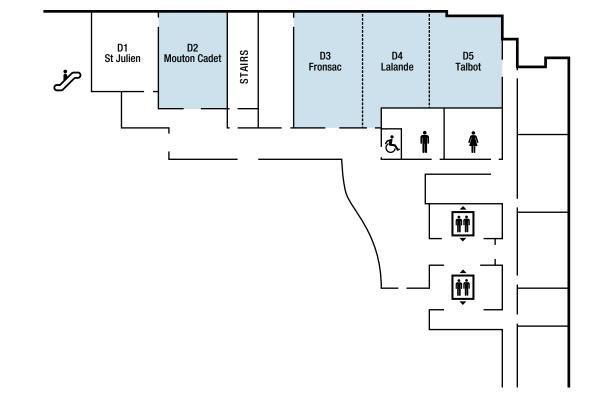
Lobby Rooms



Champagne Suite



Second Floor









Dr Nobuyuki Ueda



Dr Zengguang Lei

Welcome from the Conference Chairs

n behalf of the organizers, we would like to welcome you to the premier nuclear event in London, United Kingdom — the 26th International Conference On Nuclear Engineering (ICONE-26), with the theme of Nuclear Power — Powering the World, One Atom at a Time. Over the years, this conference has served as an important platform for nuclear professionals to engage in academic discussions and broaden their knowledge in this field. We are honored to organize such a grand conference to facilitate more effective communication among professionals who devote themselves to the nuclear engineering field.

ICONE-26 will cover a wide range of sessions including: opening and plenary sessions, ten panels, 16 technical tracks, six workshops and three technical tours. In our opening and plenary sessions, we are fortunate to have prominent officials, leading scholars and industry leaders participate and provide their valuable perspectives on nuclear engineering issues. In addition, during our panel sessions, nearly 70 experts will strengthen your understanding in the nuclear engineering fields through their in-depth observations on research and development activities as well as nuclear power plant licensing, construction and operation experiences.

The technical tracks will present diverse topics including: operations & maintenance, engineering, modifications, life extension, life cycle and balance of plant; nuclear fuel and material, reactor physics and transport theory; plant systems, structures, components and materials; I&C and influence of human factors; advanced reactors and fusion technologies; nuclear safety, security, and cyber security; codes, standards, licensing, and regulatory issues; thermalhydraulics and safety analyses; computational fluid dynamics (CFD); decontamination & decommissioning, radiation protection, and waste management; mitigation strategies for beyond design basis events; nuclear education, and public acceptance; innovative nuclear power plant design and small modular reactors; risk assessments and management; computer code verification and validation as well as student paper competition.

Through the student paper competition (TRACK-16), you will witness the progress of a number of outstanding students. Based on the competition results, some of them will receive financial support from the organizers. We encourage you to show your support and provide constructive feedback during or after their presentation time. The goal of the student program is to raise the students' awareness and fully engage them in their nuclear engineering career and also keep them updated on the current situation and future trends in the nuclear industry. In addition, we will hold workshops to expand our knowledge in our professions before our conference starts. Lectures will be presented about the research, development and challenges we are confronted with.

Again, for the success of the conference, the steering committee, the organization committee and the technical program committee have been working hard for more than one year. We would like to express our sincere thanks to the reviewers for ensuring the highest quality of technical papers are presented. Special thanks are also extended to the sponsors. Finally, we show high regard to all the authors and speakers in the technical, panel and plenary sessions.

On behalf of all committee members, we wish you a pleasant stay in London — this dynamic and metropolitan city of royal culture and modern art. Furthermore, we are looking forward to seeing you at ICONE-27 to be held at the Tsukuba International Congress Center in Tsukuba, Ibaraki, Japan, May 19-24, 2019.

> Guogiang Wang, Ph.D., ASME Fellow Chairman, ASME Nuclear Engineering Division Chairman, ASME ICONE-26 Conference

> > Nobuyuki Ueda, Ph.D. Vice President, CRIEPI Chairman, JSME ICONE-26 Conference

> > Zengguang Lei, Ph.D. Vice President, Chinese Nuclear Society Chairman, CNS ICONE-26 Conference

> > > Jenifer Baxter, Ph.D. Head of Engineering IMechE ICONE-26 Conference



Laura Citron

Welcome from the CEO of London & Partners

'm delighted to welcome you to London for your conference. With over 300 languages spoken here, London is the world in one city. It is a uniquely diverse place and a city full of energy.

In recent years, we've been welcoming record numbers of business and leisure visitors, who come to experience our great range of ever growing and evolving venues, restaurants, parks and cultural attractions; as I hope you will do. I wish you a productive and enjoyable conference and hope your time here will inspire you to visit us again.

Laura Citron Chief Executive Officer London & Partners



ICONE2018 Organizing Committee

	ASME	JSME	CNS
Conference Chairs	Guoqiang Wang Westinghouse Electric Company LLC	Nobuyuki Ueda CRIEPI	Zengguang Lei China National Nuclear Corporation
Conference	Leon Cizelj	Kohei Hisamochi	Zhi Wang
Co-Chairs	Jožef Stefan Institute	Hitachi GE Nuclear Energy	Chinese Nuclear Society
Technical Program Chairs	Shripad Revankar Purdue University	Hiroshige Kikura Tokyo Institute of Technology	Rui Shu China Nuclear Power Technology Research Institute Ltd.
Technical Program	Yassin Hassan	Hideharu Takahashi	Yanping Huang
Co-Chairs	Texas A&M University	Tokyo Institute of Technology	Nuclear Power Institute of China
Student Program Chairs	Shripad Revankar Purdue University	Masahiro Takei Chiba University Shuichiro Miwa Hokkaido University	Suyuan Yu Tsinghua University
Award Committee	Asif Arastu	Yasuo Koizumi	Zhi Wang
Chairs	Unisont Engineering, Inc.	<i>JAEA</i>	Chinese Nuclear Society
Organizing Committee	Clayton Smith	Nobuyuki Ueda	Jianfu Yu
Chairs	SmithACG, LLC	CRIEPI	Chinese Nuclear Society
Organizing Committee	Jovic Riznic	Atsushi Ui	Lixin Shen
Co-Chairs	CNSC	CRIEPI	Chinese Nuclear Society
Steering Committee	Robert Stakenborghs ILD Power	Yasuo Koizumi	Zengguang Lei
Chairs		Japan Atomic Energy Agency	Chinese Nuclear Society
Steering Committee	Richard Schultz	Kohei Hisamochi	Zhi Wang
Co-Chairs	Texas A&M University	Hitachi GE Nuclear Energy	Chinese Nuclear Society
Steering Committee	Asif Arastu	Koji Okamoto	Fengxue Wang
Members	Unisont Engineering, Inc.	University of Tokyo	State Nuclear Power Technology Corporation
	Jovica R. Riznic Canadian Nuclear Safety Commission	Yasuo Koizumi Japan Atomic Energy Agency	Dongshan Zheng General Nuclear International Litd
	Richard R. Schultz	Yutaka Abe	Wei Liu
	Texas A&M University	Tsukuba University	China Nuclear Power Engineering Co. Ltd
	Clayton Smith SmithACG, LLC	Kazushige Fujii Toshiba Energy Systems & Solutions Corporation	Mingguang Zheng Shanghai Nuclear Engineering Research and Design Institute
	Robert Stakenborghs <i>ILD</i>	Kohei Hisamochi Hitachi GE Nuclear Energy	Chaodong Yang CNNC China Zhongyuan Engineering Corporation
	Guoqiang Wang	Tomofumi Yamamoto	Chengmin Liu
	Westinghouse	Mitsubishi Heavy Industries	Nuclear Power Institute of China
	Leon Cizelj Jožef Stefan Institute	Norio Atsumi The Federation of Electric Power Companies of Japan	Jinquan Yan Shanghai Nuclear Engineering Research and Design Institute
	Shripad Revankar Purdue University	Akihide Kugo Japan Nuclear Safety Institute	Min Xiao China Nuclear Power Technology Research Institute Ltd.
	Yassin Hassan	Shuichiro Miwa	Yanping Huang
	Texas A&M University	Hokkaido University	Nucelar Power Institute of China

ASME Nuclear Engineering Division Executive Committee

Guoqiang Wang, Chair Leon Cizelj, Vice Chair Shripad Revankar, Programming

Jovica Riznic, Member Clay Smith, Secretary Robert Stakenborghs, Past Chair Asif Arastu, Member Yassin Hassan, Member Richard Schultz, Treasurer

ICONE Awards

Student and Track Leader Awards Presentation

Wednesday, July 25 18:45 – 20:30 Chablis Suite, Ground Floor

Akiyama Medal

Best Student Award in ICONE Student Competition

At every ICONE conference, the Akiyama Medal is presented to the best paper award winner from the student paper competition of ASME, CNS, and JSME. The award was established in memory of Prof. Mamoru Akiyama (1935-2009). Prof. Akiyama was a professor emeritus at the Department of Nuclear Engineering at the University of Tokyo, and he was one of the founding members of the ICONE conference.

Student Awards

Five 'Best Paper' and five 'Best Poster' awards in each of the following regions will be presented during this session: North America, Japan/Asia, China and Europe.

ICONE Awards

Conference Banquet Tuesday, July 24 19:00 – 22:00 Twickenham Stadium, Rose Suite

ICONE Award

The Nuclear Education Division presents the ICONE Award to the following individuals in recognition of their many years of service and contribution to the ICONE series of International Conferences on Nuclear Engineering. The ICONE Awards will be presented during the Conference Banquet.

Guoqiang Wang, ICONE26 Conference Chair, ASME

Yanping Huang, ICONE26 Technical Program Committee Co-Chair, CNS

Kazuyuki Takase, Nagaoka University of Technology, ASME

ASME Nuclear Engineering Division Special Long Service Award in Nuclear Engineering

The Nuclear Engineering Division presents the 2018 Service Award to the following recipient for his pioneering and outstanding contributions to nuclear engineering and technology and for his peaceful use of nuclear energy for the betterment of the world. The Service Award will be presented at the Conference Banquet.

Dr Frederick Moody, GE Nuclear and Professor, San Jose State University, USA



Organizers and Reviewers Recognition

Track & Session Organizers Recognition

The Nuclear Engineering Division recognizes the following individuals for their contributions in arranging the technical program, reviewing abstracts, organizing technical tracks and sessions and working with colleagues from around the world. These contributions were major factors in the success of ICONE26.

Ahmed A.Y. Al-Waaly Asif Arastu Xuewu Cao Paul K. Chan Leon Cizeli Brian Edmonds Mohamed El-Genk Jianbing Guo Wolfgang Hansen Yassin Hassan Anthony Hechanova Hideki Horie

Antony Hurst Tomohiko Ikegawa Chikako Iwaki Kazuhiro Kamei Ivo Kljenak Dongsheng Li Elia Merzari Alexei Miassoedov Shuichiro Miwa Akemi Nishida Hakan Ozaltun Liang-ming Pan

Mathew M Panicker Patricia Paviet Ross Peel Shripad Revankar Jovica Riznic Takaaki Sakai Daisuke Sato Carsten Schroer Richard Schultz Afaque Shams Takashi Shimomura Koji Shirai

Robert Stakenborghs Joerg Starflinger Vladimir Stevanovic Guanghui Su John Sulley Xiaodong Sun Shiro Takahashi Masaaki Tanaka Kazuvuki Tsukimori Takashi Wakai **Guoqiang Wang** Minglu Wang

Zeyun Wu Min Xiao Koji Yamada Takeshi Yamada Hidemasa Yamano Suyuan Yu Wenzhong Zhou HuaDong Zhu

Paper Reviewers Recognition

The Nuclear Engineering Division recognizes the following paper reviewers for their outstanding contribution to the technical program and ICONE series of International Conferences on Nuclear Engineering.

Kwang-Il Ahn Miltos Alamaniotis Claire Allison Kenji Arai Asif Arastu Hamza Ayyash Yongjun Bai Paolo Balestra Paul Bardsley Giacomo Busco Rong Cai Mauro Cappelli Laure Caronini Paul K. Chan Ronghua Chen Marco Cherubini Leon Cizeli Zhang Dan Rich Davey Andrea De Santis Dante De Santis Kazuyuki Demachi Tinashe Dhliwayo Yikang Dou Allen Edwards Mohamed El-Genk Thomas Galioto

JongWook Go Wade Grant Jianbing Guo Wolfgang Hansen Yassin Hassan Yinbiao He Anthony Hechanova Sung Deok Hong Hideki Horie Lihua Huang Antony Hurst Tomohiko Ikegawa Milica Ilic Relu Istrate Gonzalo Iimenez Daeseong Jo Kazuhiro Kamei Ivo Kljenak Hajime Koikegami Zafar Koreshi Satoshi Kurata Ionathan Lai Matja Leskovar Dongsheng Li Weichao Li Yunzhao Li Jun Liao

Qian Lin HUA Liu Rong Liu Rosa Lo Frano Elia Merzari George Mesina Yoshinori Mihara Blaz Mikuz Mohammad Pourgol Mohammad Shoji Mori Victor Morokhovskyi Heinrich Muscher Susumu Naito Thien Nguyen Akemi Nishida Omid Noorikalkhoran Hakan Ozaltun Liang-ming Pan Patricia Paviet Ross Peel Jinghan Peng Alessandro Petruzzi Alexandru Pop Jamie Powers Bill Press Andrew Prudil

Nan Qian Shripad Revankar Jovica Riznic Dan Robertson Takaaki Sakai Daisuke Sato Hiroyuki Sato Marcel Schienbein Joshua Schlegel Carsten Schroer Subash Sharma Wei Shen Guobao Shi Goran Simeunovic Igor Simonovski Gyanender Singh Danrong Song Robert Stakenborghs Joerg Starflinger Vladimir Stevanovic Daxue Sun Licheng Sun Peiwei Sun Xiaodong Sun Hideharu Takahashi Shiro Takahashi Masahiro Takei

Masaaki Tanaka Nhu Cuong Tran Kazuyuki Tsukimori Rodolfo Vaghetto Arun Veeramany Andrija Volkanovski Takashi Wakai Dingqu Wang Guoqiang Wang Jinkai Wang Jun Wang Mingjun Wang Yahui Wang James Wilson Wenbin Wu Zevun Wu Min Xiao Xiaojun Xiao Zhenhua Xu Takeshi Yamada Hidemasa Yamano Bao-Wen Yang Suyuan Yu

Jian-Ping Tan

Attendee Information

Acknowledgement

The 26th International Conference on Nuclear Engineering is sponsored by the American Society of Mechanical Engineers (ASME), the Chinese Nuclear Society (CNS), the Japan Society of Mechanical Engineers (JSME) and the Institute of Mechanical Engineers (IMechE). The conference is hosted by the ASME Nuclear Division. Conference organizers would also like to acknowledge the cooperation of the following organizations: Atomic Energy Society of Japan, Canadian Nuclear Society, Canadian Standards Association, European Nuclear Society, International Atomic Energy Agency, Korean Society of Mechanical Engineers, Korean Nuclear Society and the Nuclear Society of Slovenia.

Conference Proceedings

The official proceedings of the 26th International Conference on Nuclear Engineering will be produced at the conclusion of the conference and published online. Papers that were not presented on site in London will not be published in the conference proceedings and cannot be cited or indexed.

Registration

The Registration Desk is located in the Champagne Suite Foyer, 1st Floor, Novotel London West and is open during the following hours:

Sunday, July 22: 08:00 - 19:00Monday, July 23: 07:00 - 18:30 Tuesday, July 24: 08:00 - 17:30Wednesday, July 25: 08:00 - 17:30 Thursday, July 26: 08:00 - 17:00

Name Badges: In addition to being a means of identification to colleagues, you are required to wear your name badge for admission to conference sessions and events. Room monitors will check name badges before allowing anyone into the session or event. Replacement badges are available at the Registration Desk at a cost of £20 per badge.

Daily Registration: Attendees who have paid the one-day registration fee qualify for a badge representing the day they have selected to attend. Attendees wearing this badge are entitled to the following on the day they have selected to attend: admission to conference sessions, refreshment breaks, the Exhibition, food and beverage served on the specified day, excluding the Conference Banquet. Daily attendees will also receive a conference bag, a program and online paper access.

Accompanying Person: Guests tickets are available for purchase for the Opening Reception and Conference Banquet only. Pre-purchased tickets will be included in the registration package of the attending registrant.

Exhibitors: Exhibit staff have access to the Exhibition Hall only and may participate in the Opening Reception and the four Lunches.

Dietary Requirements

If you advised the Conference Secretariat of your special dietary needs during the registration process, dietary tickets for each Lunch (Monday, Tuesday, Wednesday and Thursday) and the Conference Banquet have been included in your registration envelope if necessary. If you have not advised the Conference Secretariat of your special dietary needs, please inform the staff at the Registration Desk at your earliest convenience.

Conference Hotel

All meetings and social events take place at the Novotel London West with the exception of the Conference Banquet. The hotel is 100% smoke free. Parking fees are £1.50 per hour for hotel guests and £3.50 per hour for non-guests.

Wifi

Complimentary Wifi is available throughout the Novotel London West meeting space. To access the Wifi service log onto the Novotel network and follow the prompts in your browser. No password is required.

ASME Conference App

Engage with sessions, speakers, and organizations, watch social networking in action, including posting on the in-app feed or sharing outside it. Download the "Crowd Compass Attendee Hub" App from your app store. After installation, search for ICONE and download. The password to access the ICONE26 app is 'icone2018'. Once ICONE is downloaded, you can set up a login. You will then receive a verification email with a code you need to enter in the app. Once you have entered the code in the app, this will grant you access to the event. Alternatively you can access the app via a web browser at https://event.crowdcompass.com/ICONE.

Visit London App

The Visit London App is available for iphone and Android devices and is free to download with no roaming charges. The app has everything you need to explore London like a local including 'around me' functionality which allows users to discover restaurants, shopping, and attractions in close vicinity. Search 'Visit London app' in your app store.

First Aid

The Hotel has trained first aiders on site. In the event of the need of first aid, please contact Security directly on 02082377188 (or on ext. 7188 from an in-house phone). First Aid supplies are available throughout the hotel. The nearest first aid boxes for the Champagne and Chablis Suites are available in the conference suite's organiser's offices.

Continued

Attendee Information (Continued)

Smoking

Smoking is not permitted anywhere within the Novotel London West. Smoking is permitted outside.

Tipping Etiquette

It is customary to leave 10–15% of the bill when eating out. However, restaurants often add on a service charge (usually 12.5%), especially if you're in a large group, so it's worth checking your bill if you don't want to tip twice. Tipping is not required for any of the official Conference meal events.

Authors Briefing & Breakfast Sessions

On the morning of their session, authors, panelists, session chairs and co-chairs are invited to attend the 'Authors' Briefing' to discuss session protocol and get acquainted. The briefing will take place in the Beaujolais room from 8:15am - 8:45am on Sunday and 7:45am - 8:15am Monday through Thursday. Continental breakfast will be available.

Speaker Practice Room

If you are a presenter, please be in the session room 30 minutes prior to the start of the first presentation of your session in order to upload your presentation.

Beaujolais on the Mezzanine Floor will be available to all conference participants as a presentation "practice" room. The room will be equipped with (2) LCD projectors, (2) computers, and (2) screens, and will be open during the following hours. Authors are encouraged to use this facility to meet with their co-authors and review presentations.

Sunday, July 22	14:00 - 17:30
Monday, July 23	07:00 - 17:30
Tuesday, July 24	07:00 - 17:30
Wednesday, July 25	07:00 - 17:30
Thursday, July 26	07:00 - 17:00

Meeting Room Protocol

Every effort will be made to ensure that all sessions start and end on time. Presenters and attendees are all asked to work together to achieve this. This may mean having to cut short a valuable discussion; however, conference organizers request your cooperation for the benefit of all attendees. Please turn your cell phone and other noise making devices off or set to vibrate.



Social Events

Opening Reception

Monday, July 23 18:30 - 20:30 Chablis Suite, Ground Floor

Join your friends and colleagues as we kick off ICONE 26! The Opening Reception will be held amongst the Exhibits and Posters. Appetizers and drinks will be served. Guest tickets are available for purchase at the registration desk.

Lunches

Monday, July 23 to Thursday, July 26 12:30* - 14:00

*Thursday lunch starts at 13:00

Chablis Suite, Ground Floor

Lunch will be provided from Monday to Thursday and is included in your registration. Pre-confirmation during the registration process is required to access the lunches.

Poster Sessions & Coffee Breaks

Monday, July 23 to Thursday, July 26 10:00 - 10:30* and 16:00 - 16:30 *The Thursday morning coffee break is from 10:30-11:00 Chablis Suite, Ground Floor

Conference Banquet

Wednesday, July 25 19:00 - 22:00 Twickenham Stadium

Twickenham Stadium (known as 'Twickers' by the locals) is the home of England Rugby and is the largest dedicated rugby union venue in the world. Owned by the governing body of rugby union in England, the Rugby Football Union (RFU), the stadium hosts home test matches for the England National Rugby Union Team. The Stadium has also hosted American Football as part of the NFL London Games in 2016 and 2017 and hosts concerts by some of today's biggest stars including The Rolling Stones and Lady Gaga.

Join us for a 'Sparkling Wine Reception' in the Rose Suite which will feature a buffet dinner with wine included. A ticket is not included in a full Conference registration but may be available for purchase at an additional cost. Please see the registration desk to inquire about availability.



Twickenham Stadium

Sponsors

HOSTS









GOLD

Westinghouse Electric Company

westinghousenuclear.com

At Westinghouse, we are solely focused on nuclear energy technology. Our goal is simple—to provide solutions to our customers to keep their plants safe, reliable and efficient. Helping our customers support the needs of their customers is why we are committed to quality, safety, and innovation at every turn.



SILVER

Nuclear Power Institute of China

npic.ac.cn



As a subsidiary of the China National Nuclear Corporation (CNNC) the Nuclear Power Institute of China (NPIC) is a nuclear reactor engineering R&D base and high-tech research and design institute in China incorporating nuclear reactor engineering research, design, test, operation and small batch production.

BRONZE

Siemen's Industry Software

siemens.com

SIEMENS

Ingenuity for life

Siemens PLM Software, a business unit of the Siemens Digital Factory Division, is a leading global provider of product lifecycle management (PLM) and manufacturing operations management (MOM) software, systems and services. Within Siemens PLM Software, the Simcenter™ solutions portfolio helps engineering departments develop today's smart products.

EXHIBITORS

AFCEN

afcen.com

afcen

AFCEN is an International Standard Developing Organization who produces up-to-date codes offering accurate rules for the design, construction and in-service inspection of components for use in industrial or experimental nuclear facilities (RCC codes), ensures certified training programs enabling code users to achieve skills in using AFCEN codes.

Institute of Nuclear Energy Safety Technology fds.org.cn



Institute of Nuclear Energy Safety Technology, CAS Key Laboratory of Neutronics and Radiation Safety, CAS

Super multi-functional Calculation Program for Nuclear Design and Safety Evaluation - SuperMC is a large-scale integrated software system for neutronics design. Taking neutron transport calculation as the core, SueprMC supports the whole process neutronics calculation containing deletion, radiation source term/dose/bilhazard, material activation and transmutation and the multi-physics coupling calculation of the thermol-hydraulics, structural mechanics, chemistry, biology, etc.

Exhibitor Listing

Exhibition

Visit the exhibits to discover new products and services from some of the industry's leading organizations. Coffee and tea will be served amongst the exhibits during the coffee breaks.

Dates & Times:

Monday, July 23 10:00 - 20:30 09:30 - 19:30 Tuesday, July 24 Wednesday, July 25 09:30 - 19:30 Thursday, July 26 09:30 - 16:30

Location: Chablis Suite, Ground Floor

Exhibitors:

ACFEN

Elsevier

Institute of Nuclear Energy Safety Technology

Nuclear Power Institute of Technology

Siemens Industry Software

Westinghouse Electric Company



Nuclear Division & Committee Meetings Schedule

Sunday, July 22

Steering Committee Pre-Meeting (Invitation only) 18:15 - 20:15

Check the conference app for room location (app information on page 11)

Tuesday, July 24

NED Executive Committee Meeting (Invitation only) 12:30 - 14:00 Chablis Private Office, Ground Floor

Wednesday, July 25

Combined Technical Committee Meeting (Invitation only) 12:45 - 13:45 (lunch will be provided) Muscadet, Mezzanine Floor

Thursday, July 26

Steering Committee Exit Meeting (Invitation only) 18:45 - 19:30 Chablis Private Office, Ground Floor

ASME/CNS/JSME/IMechE Committee Dinner Meeting (Invitation only) 19:30 - 21:30 Off-Site, contact herreral@asme.org for location

ACES-2019 Committee Meeting (Invitation only) 21:30 - 22:30 Check the conference app for room location (app information on page 11)

Authors Briefing & Breakfast Sessions

Beaujolais Room

Sunday, July 22 Monday, July 23 through Thursday, July 26

07:45 - 08:15 08:15 - 08:45

On the morning of their session, authors, panelists, session chairs and co-chairs are invited to attend the 'Authors' Briefing' to discuss session protocol and get acquainted. The briefing will take place in Beaujolais room on the Mezzanine Floor from 8:15am - 8:45am on Sunday and 7:45am - 8:15am Monday through Thursday. Continental breakfast will be available.



Technical Program

Panel Sessions

Monday, July 23

14:00 - 16:00

Cremant, 1st Floor

Leak Before Break (LbB) and Leakage through Cracks

Chair: Jovica Riznic, CNSC

Panelists: Dr Peter Gill, Consultant

> John Sharples, Wood PLC Dr Gery Wilkowski, MC2 Dr Klaus Heckman, GRS Dr Jinya Katsuyama, JAEA Dr David Rudland, USNRC

Leak-before-Break (LbB) is a structural integrity assessment methodology which provides a means of justifying safe operation of Nuclear components through the concept of large break preclusion. This can be achieved through the application of fracture mechanics to determine limiting defect sizes and crack opening areas, along with fluid mechanics to determine leakage rates. LbB has been successfully applied in many different countries to meet the relevant regulatory requirements.

The objectives of this expert panel session are as follows:

- Introduce the fundamental concepts of LbB
- Highlight the latest research in this topic
- Outline how the regulatory environment shapes the requirements of LbB procedures

PANELISTS:



Dr Peter Gill *is a Chartered Mechanical Engineer,* specializing for the last 8 years in Structural Integrity within the Materials Science and Structural Integrity (MSSI) business of Wood. Peter works on plant assessment methodologies, and performs research and development on Leak-before-Break and

environmental fatigue. He completed a Nuclear Engineering doctorate entitled "Investigating leak rates for Leak-before-Break assessments" at the University in Manchester in 2013. Since then he has had a lead role in developing the Leak-before-Break section of the R6 structural integrity assessment procedure. Peter has also developed sessions at the ASME Pressure Vessels and Piping conference and is a visiting researcher at the Dalton Nuclear Institute at the University of Manchester.



John Sharples is a Technical Manager and Chief Technologist in the field of structural integrity at Wood. He has worked in the nuclear industry for over 30 years, mainly on developing, validating and applying structural integrity assessment procedures. A large part of his work has been associated with the R6

fracture mechanics procedures, the BS7910 fitness-for-purpose code and

numerous European projects, including STYLE+ and the NULIFE Network of Excellence, focused on plant life management and plant life extension issues. John sits on the NUGENIA Executive Committee.



Dr Gery Wilkowski has been involved in conducting experimental and analytical pipe fracture mechanics projects since 1974. He received his bachelor's and master's degrees in mechanical engineering from University of Michigan and his PhD in Nuclear Engineering from University of Tokyo. He

has published over 400 papers on oil and gas pipelines, as well as nuclear pressure vessels and piping systems and fracture toughness testing. He was involved with the technical basis of the original NRC Draft Standard Review Plan 3.6.3 on LBB, and conducted large project on piping fracture behavior for the NRC and the International Piping Integrity Research Group Program (IPIRG). He has been a technical editor of several journals, and is an ASME Fellow since 1997. He was the Chairman or Vice-Chairman of the ASME PVP Division's Materials and Fabrication Committee for 8 years, has been a member of the ASME B&PV Code Section XI Committee since the early 1980's, and is the current secretary of the Section XI Working Group on Pipe Flaw Evaluation since about 1990. He founded Engineering Mechanics Corporation of Columbus in 1998 after being at Battelle-Columbus for 23 years. He has developed the Lie-Balanced Putter System that is USGA/R&A approved, patented, and went into commercial production in 2016. He enjoys golf, drinking beer, eating fresh oysters, and drinking beer.



Dr Klaus Heckmann studied physics in Darmstadt (Germany) and Grenoble (France). He earned his PhD in Nuclear Physics in 2011. Since 2012 he works for Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) gGmbH in Cologne/Germany, in the structural mechanics group. His professional interest is focus on

Leakage rates, fracture mechanics, probabilistic methods and techniques, and software development.



Dr Jinya Katsuyama is a Principal Researcher in Nuclear Safety Research Center of Japan Atomic Energy Agency (JAEA). In 2004, he started research on the structural integrity assessment method based on weld residual stress analysis at Osaka University. From 2006, he has been engaged in research on the

aged degradation of nuclear components such as neutron irradiation embrittlement in reactor pressure vessel, stress corrosion cracking and fatigue in piping welds at JAEA. In addition, he has been developing deterministic and probabilistic fracture mechanics methodologies for reactor pressure vessel and primary piping in light water reactors. Currently, he contributes to development of a guideline on probabilistic fracture mechanics analysis methodology focusing on its practical use in Japan.



Dr David Rudland is a Senior Technical Advisor for Nuclear Materials in the Office of Nuclear Reactor Regulations at the U.S. Nuclear Regulatory Commission where he has worked for ten years. He is the Division of Materials and License Renewal subject matter expert in the area of nuclear materials and

component integrity with an emphasis on probabilistic fracture mechanics, solid mechanics and materials aging management. He is also the NRC representative on the ASME Board of Nuclear Codes and Standards and heavily involved in both the ASME Section XI code committees and the ASME PVP Division. Before joining the NRC, he worked as an NRC contractor at Engineering Mechanics Corporation of Columbus and Battelle Memorial Institute. Dr Rudland received a Bachelor's and Master's degree in Mechanical Engineering from the University of Illinois, and a Ph.D. in Materials Engineering from Yokohama University in Japan through a visiting scholar program.

Tuesday, July 24

14:00 - 16:00

Cremant, 1st Floor

Experience Feedback of New Nuclear Power Plant Construction

Chair: Yanping Huang, NPIC

Co-Chair: Kohei Hisamochi, Hitachi GE

Panelists: Fengwei Song, China Zhongyuan Engineering

Corporation

Tai Jiang, CNPE Yusuke Amma, Hitachi Cuifang Wang, SNERDI Donghai Wang, CNPE

PANELISTS:



Fengwei Song is Vice President of China Zhongyuan Engineering Corporation, a subsidiary of China National Nuclear Corporation. He is also working as General Manager of Karachi Nuclear Power Project Unit 2& Unit 3 in Pakistan. Mr. Song received a bachelor's degree in welding processing from

Jiangsu University of Science and Technology in 1985. He has been working at the frontier of nuclear power projects for over 30 years and contributed to many nuclear power projects in China such as Qinshan NPP, Daya Bay NPP, Haiyang NPP, Tianwan NPP. He has worked as general manager for five different nuclear power projects and is well known for his expertise in M310, VVER, AP1000 and HPR1000 as well as his safety management methodology and produced innovative construction methods. He is the sole author of Pre-introduction of HPR1000 Primary Loop Equipment and first author of Research on Chemical Treatment of Marine Organism for Coastal Nuclear Power Plant as sole author and Modular Construction of Reactor Pit Pool for a Nuclear Power Plant and Application of MVC on a Nuclear Power Plant Seawater Desalination Design.



Tai Jiang is Deputy Chief Engineer of China Nuclear Engineering Co., Ltd (CNPE), he is also Chief Engineer of the Fuqing Nuclear Power Project department of CNPE.

Tai Jiang had worked at Beijing Institute of Nuclear Engineering as Material Engineer for 17 years from

1987 to 2004. Tai Jiang had taken part in Lingao Nuclear Power Project Phase 2, Fuqing Nuclear Power Project Phase 1 And Fangjiashan Nuclear Power Project as Manager of the Design department from 2005 to 2013.

From 2013 to present, Tai Jiang has worked in the Fuqing Nuclear Power Project department of CNPE, which is in charge of managing Fuqing unit 5&6, Fuqing unit 5 is first unit of htr1000.



Yusuke Amma is the Construction engineer of Nuclear Plant Department of Hitachi-GE Nuclear Energy, LTD. He started work as a welding engineer in the Nuclear Manucturing Department. He worked at Shimane Nuclear Power Plant Construction Project for 3 years as installation supervisor from 2008 to

2011. After that he also took part in Fukushima nuclear power plant as a supervisor after the Fukushima disaster. From 2012 to present, he has worked at Wylfa Newydd nuclear power station project on the construction planning team.



Cuifang Wang is the Deputy Director of Project Management Department of Shanghai Nuclear Engineering Research & Design Institute (SNERDI), and is the deputy Project Manager of CAP1000 standard design project and Sanmen Phase-2 design project.

She has 15 years experience of I&C system design and 8 years of project management experience for the nuclear power plants.

Beginning from 2010, Mrs. Cuifang WANG contributed herself on the development and operation of experience feedback system in SNERDI. Her team built the procedures and software platform, established relations with owners, engineering company, manufacturers to collect experience feedback to optimize the design of CAP project.



Donghai Wang *is the director of the quality* assurance department of CNPE (China Nuclear Power Engineering Co., Ltd). He has worked in BINE and CNPE for 25 years (BINE-Beijing Institute of Nuclear Engineering). From 1993 to 2015, he was responsible for the design of ultimate heat sink, water

intake and discharge, water supply and drainage, fire fighting, water treatment, cooling tower for nuclear power plants. Since 2016, he has been in charge of quality assurance of CNPE. Donghai Wang received a Bachelor's degree in Water Treatment from Wuhan University, and a Master's degree in Nuclear Energy Science and Engineering from Harbin Engineering University.

14:00 - 16:00

Bouzy, 1st Floor

Robust Fuel Development

Chairs: Sumit Ray, Westinghouse

> Min Xiao, CGN Hisaki Sato, Toshiba

Panelists: Sumit Ray, Westinghouse

Nicolas Vioujard, Framatome

Dr Min Xiao, CGN

Hisaki Sato, Toshiba Energy Systems & Solutions

Corporation

Dave Goddard, UK National Nuclear Laboratory

The development of Robust or Accident Tolerant Fuel (ATF) has become an international area of interest and effort in the last few years. Conceptually ATF would provide leap-ahead improvement in LWR fuel safety during beyond design basis accidents and commercial benefit to nuclear utilities. Accelerated by the severe accident at the Fukushima Daiichi nuclear power plant in Japan, a variety of research and commercial analysis of ATF is presently underway globally. The goal of this effort is insertion of ATF lead test rods into a commercial PWR within the next couple of years.

This panel will present and discuss the state-of-art knowledge of ATF from the point of view of industry, government, nonprofit research agencies, and academic representatives currently leading global ATF development. The significant challenges in development and implementation of ATF, such as large scale ATF fabrication, acceptance by nuclear utilities, the role of government and inter-government agencies in ATF research oversight, and the engineering and scientific challenges to develop ATF will be presented. The goal of this panel is to communicate the current understanding of the commercial and technical challenges faced in ATF development.

PANELISTS:



Sumit Ray is currently Director of Fuel Technology & Product Development in the Westinghouse Global Technology organization. In this position, he is responsible for the development of all new fuel related technologies and fuel designs for Westinghouse. Sumit has been with Westinghouse for over thirty five years,

in increasing positions of responsibility. He has held various director level positions in Fuel Development & Core Design, and has held a variety of management positions in Reactor Core Design, Fuel Development and Regulatory Licensing.

Sumit is currently the Westinghouse executive lead on the DOE CASL program and is also a member of the CASL Board of Directors. He currently also leads the Accident Tolerant Fuel program for Westinghouse. Sumit is a member of the American Nuclear Society, and participates as a member of the ANS rewards committee. Sumit holds a Bachelor's Degree in Chemical engineering from the Indian Institute of Technology in Kanpur, India, a Master's Degree in Chemical Engineering from West Virginia University, and an MBA from the University of

Pittsburgh. In addition, Sumit has taken post Graduate level classes in Nuclear Engineering at Carnegie Mellon University.



Nicolas Vioujard started his career in Framatome in November 1999 as Thermal-Hydraulic Engineer responsible of the CATHARE GB code (code used for Large Break LOCA safety studies).

In 2003, he joined the Fuel Design Business Unit of the former AREVA group and hold various

management position in the fields of Fuel Assembly Design, Fuel Rod Design, Materials Development. In particular, from 2008 to 2013, he was Worldwide Manager, Materials and Thermal-Mechanics.

In 2013, he joined a subsidiary of the former AREVA group, now renamed Orano Projet, as Manager General Arrangement to lead a Department in charge of Layout, Piping, Civil work and HVAC Design, serving Fuel cycle facilities of the Orano group.

In 2016, he was appointed Deputy Engineering Manager for Flamanville 3 Project and then in 2017 for Taishan Project in both cases for the scope of activities under the responsibility of AREVA/Framatome.

Since beginning of 2018, Nicolas Vioujard came back to the Framatome Fuel Business Unit as Materials Line Senior Manager in the Products and Technology Division.



Dr Min Xiao, Ph.D, Professor, Deputy Chief Engineer, China Nuclear Power Research Institute (CNPRI)/China General Nuclear Power(CGN) Min Xiao has been a great contributor to the field of reactor core design, fuel management and PWR fuel industry in China. He has organized and

implemented a series of advanced core design and fuel management projects for China 1000MWe PWRs including:

- Daya Bay NPP 18 Month Fuel Cycle, first in China;
- Severe Accident Management Guideline Implementation in Daya Bay NPP, first in China;
- Ling Ao Advanced Fuel Management (1/4 refueling) project, first in China; and
- PWR Initial Core 18 Month Project with Gadolinia-bearing Fuel, first in the world.

He has won multiple awards including; first prize of National Defense Science and Technology, first prize of China National Nuclear Industry Science and Technology Achievements, and the Grand ICONE AWARD (ICONE25, in Shanghai, China, 2017).

His academic activities include; Vice-Chairman of Shenzhen Science-Technology Expert Association, Expert of International Cooperation Experts Group of the China Atomic Energy Agency(CAEA), Contact Expert of China-Euratom Nuclear Cooperation on Nuclear Reactor Safety for Euratom Working Programme 2018 in Horizon 2020, and Track 2 Chair of ICONE25.



Hisaki Sato, Toshiba Energy Systems & Solutions Corporation, Kanagawa, Japan

Hisaki Sato is a group manager of Nuclear Core ఈ Fuel group in Nuclear Safety System Design ఈ Engineering Department at Toshiba Energy Systems & Solutions Corporation. He has 17 years experience

in nuclear industry, 10 years in Nuclear Core & Fuel group and 7 years

in Nuclear Safety System group. In 2001, He joined Toshiba to work for neutronics and thermal-hydraulics engineering of Nuclear Core & Fuel. After Fukushima Daiichi NPPs accident, He engaged in work of R&Ds for nuclear safety enhancement technologies for several years. Since 2016, He has been in charge of an Accident Tolerant Fuel development project of Toshiba.



Dave Goddard is the Laboratory Fellow for Nuclear Fuel Manufacturing at the UK National Nuclear Laboratory. He has over 25 years' experience providing specialist technical support to fuel manufacturing operations in the UK. He is currently leading work on developing fuels with enhanced

accident tolerance including the investigation of novel fabrication routes for high uranium density fuels, such as uranium silicide, that could lead to a step change in the next generation of nuclear fuels. This work is being supported through collaborations with a number of leading universities. Dave is a Fellow of the Institute of Materials, Minerals and Mining and a Royal Academy of Engineering Visiting Professor at the University of Manchester.

14:00 - 16:00

Chalon, 1st Floor

Communication with Nuclear **Stakeholders**

Chairs: Dr Leon Cizelj, Jozef Stefan Institute

Dr Hiroyuki Yamada, CRIEPI

Co-Chair: Asif Arastu, Unisont Engineering, Inc.

Panelists: Dr Hiroyuki Yamada, CRIEPI

> Dr Leon Cizelj, Jozef Stefan Institute Kirsty Gogan, Energy for Humanity

Nathan Paterson, ENS YGN Chairman, Rolls-Royce

Why would nuclear professionals need communication skills? We may start with the fact that nuclear professionals communicate a lot in their daily work. This is communication between peers, is part of the training and is superbly mastered by most of the professionals. Then, in the everyday life, better communication skills could lead to better and more satisfying relations with the people that we interact with. Finally, the nuclear professionals could further develop their already considerable communication skills to communicate about the nuclear technologies beyond their peers. The panelists will provide the insight in the basic communication techniques and traps that might then be used by the participants in the real-life situation.

PANELISTS:



Dr Hiroyuki Yamada is a Senior Research Scientist in Nuclear Risk Research Center of Central Research Institute of Electric power Industry (CRIEPI). He has been engaged in nuclear safety research on the seismic PRA since 1996 in Japan Atomic Energy Research Institute (JAERI). In 2002, he started to research on

the disaster mitigation and communication based on the spatial temporal

information system in National Research Institute for Earth Science and Disaster Prevention (NIED). From 2007, he has been engaged in research on the nuclear risk communication in Japan Nuclear Energy Safety Organization (JNES). He was involved in IAEA project of Tsunami EBP from 2007 to 2010. He has developed TiPEEZ (Tsunami and Post Earthquake Response in the External Zone) system, and TiPEEZ system for disaster management was implemented in Member States. From 2014, he has been engaged in research on risk communication and seismic/tsunami PRA in order to assist nuclear operators and nuclear industry to continually improve the safety of nuclear facilities. He is a Specially Appointed Professor in Graduate School of Engineering of Niigata Institute of Technology since 2016.



Dr Leon Cizelj is head of Reactor Engineering Division of the Jožef Stefan Institute, Ljubljana, Slovenia (http://r4.ijs.si/en). He is responsible for the strategic and operational leadership of the division active in the field of nuclear engineering and safety of nuclear installations. Activities include research,

postgraduate education, technical and scientific support to the Slovenian nuclear regulatory body and technical and scientific consulting to end users. Full professor of nuclear engineering at the University of Ljubljana, Slovenia, Faculty of mathematics and physics. President of the ENEN (European Nuclear Education Network www.enen.eu) Association in 2016, 2017 and 2018. Associate editor of Journal of Nuclear Engineering and radiation Science ASME. Member of the editorial board of Science and Technology of Nuclear Installations. Ph. D. in Physics 1993, University of Ljubljana, Slovenia. Author or coauthor of more than 690 publications more than 100 interviews in the Slovenian mainstream media.



Kirsty Gogan *is co-founder and executive director* of Energy for Humanity (EFH), a UK-and Switzerland-based non-profit organisation with a global outlook focused on solving climate change and enabling universal access to modern energy services. Future leaders will need all tools at their disposal to

solve global challenges including air pollution and energy security, whilst providing low cost, clean power to billions of people and improving life chances for women and children throughout the world.

In pursuit of these goals, Energy for Humanity (EFH) strongly advocates for evidence-based, whole-system, and technology-inclusive solutions in pursuit of the best (meaning, fastest, most cost-effective, most feasible) outcomes for people and nature. Our work includes running projects in multiple countries, including oversight of a successful campaign to prevent premature closure of the Swiss nuclear fleet in 2016. EFH led a delegation of the world's most highly regarded climate scientists to Paris COP21 in order to make the case for nuclear to be recognised as a climate solution. EFH was subsequently shortlisted for the Business Green Leaders "Green NGO of the Year" Award in 2016.

In 2017, at COP23, EFH published a new report on European Climate Leadership 2017 and presented a new study on Decarbonizing Cities with Advanced Nuclear. Ms. Gogan is also founding director of CleanTech Catalyst (a consultancy specialising in climate and energy), recently commissioned by the Energy Technologies Institute to lead the

Nuclear Cost Drivers Study in partnership with Lucid Strategy (based in Cambridge, MA). Ms. Gogan is regularly invited as an expert speaker on science communication, nuclear competitiveness and innovation to high profile events around the world. She has more than 15 years' experience as a senior advisor industry, non-profits and Government, including at 10 Downing St, the Office of the Deputy Prime Minister, and the Department of Energy and Climate Change.



Nathan Paterson *is responsible for management,* business development, engagement and deployment for key civil nuclear accounts in Europe and International areas at Rolls-Royce Civil Nuclear. Previously he has been part of the delivery of new reactor designs for Naval Prolusion covering

engineering governance and delivery of V&V strategy areas.

Prior to that he lead aspects of safety design, internal and external hazard analysis, and harsh environmental assessment for Through-life nuclear safety justifications

He is the Chairman of the European the European Nuclear Society (ENS) Young Generation Network (YGN) which brings together the YGNs of 21 member countries of ENS. He leads the committee's operation and strategy covering a number of activities to help support the sustainable growth of the nuclear industry and associated academic communities.

He collaborates on programmes including: the nuclear skills delta; infrastructure and capacity building; diversity within the industry; nuclear as part of the solution to fight climate change and public engagement on nuclear technologies to name a few.

14:00 - 16:00

Reims, 1st Floor

Fukushima-Daiichi Nuclear Power Plant Decommissioning R&D

Chair: Yasuo Koizumi, JAEA

Panelists: Kazuhito Takeda, TEPCO

> Hideo Soneda, Hitachi GE Dr Koji Okamoto, JAEA/CLADS Hiroshige Kikura, Tokyo Tech

Dr Claire Corkhill, University of Sheffield

Yasuo Koizumi, JAEA

This panel will discuss the current status, lessons learned, and actions of post Fukushima Daiichi accident.

PANELISTS:



Kazuhito Takeda is a manager of International Relations and Strategy Group, D&D Promotion Office, Fukushima Daiichi D&D Engineering Company of TEPCO since 2017. He's been working for TEPCO since 1995 at various departments such as Nuclear Fuel Engineering department, Fuel Transport

Engineering department, Nuclear Fuel Cycle Engineering department and London Office of International department. He received his bachelor's and master's degrees in mechanical engineering from University of Niigata.



Hideo Soneda is a Senior Project Manager of Hitachi-GE Nuclear Energy. He has thirty years of experience in BWR area of reactor system design, core and fuel design, and safety analysis. He engaged himself on ABWR reactor system design, startup test in Japan, and the project of UK ABWR General

Design Assessment mainly in fuel area. He worked on the benchmark study of the accident at the Fukushima Daiichi NPP and has been associated with the program of criticality control technique for Fukushima.



Dr Koji Okamoto got his Master Degree of Engineering from the University of Tokyo in 1985. He worked at Mitsubishi Heavy Industries Ltd. as a researcher for Fast Breeder Reactor, Monju. In 1988, he returned to the University of Tokyo as a research associate at Department of Nuclear Engineering. After

he got Ph.D in 1992, he had been promoted to be an Associate Professor in 1993. In 2004, he was a full professor at Department of Quantum Engineering and Systems Science, the University of Tokyo. His major is Thermal-Hydraulics and Nuclear Safety. He published more than 100 referred papers in the field of Fluid Engineering and Nuclear Engineering. He had several patents related to nuclear systems in US and Japan. He is an editor of Measurement Science and Technology, Institute of Physics, for more than 10 years. After Fukushima-Daiichi NPP accidents, he moved to Nuclear Professional School of the University of Tokyo. He explained to the public about the detail of the accident at several TV programs, including NHK and so on. He was a member of accident evaluation committee at Atomic Energy Society of Japan. Current his research interests include Safety Improvements of Nuclear Power Plants, Advanced Nuclear Systems, Severe Accident Researches and Decommissioning activities of normal shutdown NPP and/or Fukushima-Daiichi NPP. He was a chair of the Nuclear System Decommissioning sub-working group at Ministry of Education, Science, Sports and Culture (MEXT). He also worked as an executive committee member of Nuclear Damage Compensation and Decommissioning Facilitation Cooperation (NDF). He was a Division Head of Power Energy Systems, Japanese Society of Mechanical Engineers (JSME). From April, 2018, he also works as a Director General of Collaborative Laboratory for Advanced Decommissioning Sciences (CLADS) in Japan Atomic Energy Agency (JAEA).



Dr Claire Corkhill is a Reader in nuclear materials science at the University of Sheffield (UK) and currently holds an EPSRC Early Career Research Fellowship. Her research focuses on understanding the relationship between surface chemistry, microstructure and dissolution kinetics in nuclear

waste materials. Her particular focus is oxide ceramics (e.g. UO2), aluminoborosilicate glass and cement materials. Within the context of UK-Japan collaboration on Fukushima research, Claire leads the UK side of a project to simulate realistic nuclear fuel debris and understand its evolution (corrosion) within the reactor building. She is also is a key partner in projects aimed to develop immobilisation matrices for ion exchange resin materials and is a project partner of the EPSRC funded Japan-UK Nuclear Opportunities (JUNO) Network.

14:00 - 16:00

Epernay, 1st Floor

V&V of Software Used to Analyze Thermal-Hydraulics in Nuclear Systems

Chair: Richard Schultz, Texas A&M University

Panelists: Dr Yassin Hassan, Texas A&M University

> Shuo Li, State Nuclear Power Technology Corp. Elia Merzari, Argonne National Laboratory

Dr Hideo Nakamura, Japan Atomic Energy Agency

Sam Treasure (or other participant from

Rolls-Royce Ltd)

The panelists will discuss the importance, scope, and techniques fundamental to verifying and validating software used to analyze thermal-hydraulics in nuclear systems. Of particular interest are the techniques used to define the matrix of experiments used to validate the software (both systems analysis and CFD) over the nuclear system operational and accident domains. The various scaling techniques employed to design experimental facilities and to achieve the V&V objectives will likely be discussed.

PANELISTS:



Dr Yassin Hassan is Professor and Head of the Department of Nuclear Engineering, Sallie and Don Davis'61 Professor of Engineering and also Professor of the Department of Mechanical Engineering at Texas A&M University. Prior to joining Texas A&M September 1986, he worked for seven years at Nuclear

Power Division, Babcock & Wilcox Company, Lynchburg, Virginia. His research is in computational and experimental thermal hydraulics, reactor safety, laser-based flow visualization and diagnostic imaging techniques, system modeling, multiphase flow, transient and accident analyses and advanced nuclear reactors.



Shuo Li works for State Power Investment Corporation Research Institute (SPICRI) and National Energy Key Laboratory of Nuclear Power Software in China. The software package COSINE (Core and System Integrated Engine for design and analysis) is developed by SPICRI. He mainly

researches in the development and V&V of NPP design software.



Dr Hideo Nakamura is Technical Associate of Nuclear Safety Research Center, Japan Atomic Energy Agency (JAEA) since April 2018. He joined former Japan Atomic Energy Research Institute (JAERI) in 1981 to work for the ROSA (Rig-of-Safety Assessment) program to study thermal-hydraulic phenomena

during reactor accidents for both of BWR & PWR with large-scale experiments under reactor prototypical conditions. In 2001, he became a head of Thermo-hydraulic Safety Research Group dedicated for both of severe accident and beyond design-basis accidents. Since 2005, he was a director of operating agent (JAEA) of the OECD/NEA ROSA and ROSA-2 Projects with LSTF experiments. He is an executive editor of Nuclear Engineering and Technology since 2015.

Wednesday, July 25

14:00 - 16:00

Cremant, 1st Floor

Education and Human Resources Development

Chairs: Asif Arastu, Unisont Engineering, Inc.

> Yassin Hassan, Texas A&M University Leon Cizeli, Jozef Stefan Institute

John Roberts, The University of Manchester Hideharu Takahashi, Tokyo Institute of Technology

Kan Wang, Tsinghua University

Panelists: Dr Yassin Hassan, Texas A&M University

> Dr Guanghui Su, Xi'an Jiaotong University Dr Leon Cizelj, Jozef Stefan Institute

Dr Akihide Kugo, JANSI

Dr Kan Wang, Tsinghua University

Hiroshige Kikura, Tokyo Institute of Technology

PANELISTS:



Dr Yassin Hassan is Professor and Head of the Department of Nuclear Engineering, Sallie and Don Davis'61 Professor of Engineering and also Professor of the Department of Mechanical Engineering at Texas A&M University. Prior to joining Texas A&M September 1986, he worked for seven years at Nuclear

Power Division, Babcock & Wilcox Company, Lynchburg, Virginia. His research is in computational and experimental thermal hydraulics, reactor safety, laser-based flow visualization and diagnostic imaging techniques, system modeling, multiphase flow, transient and accident analyses and advanced nuclear reactors.



Dr Guanghui Su is a professor of Xi'an Jiaotong University, and he is the winner of the National Science Foundation for Distinguished Young Scholars of China, Yangtze river scholars Distinguished Professor. He is the co-editor of ASME Journal of Nuclear Engineering and radiation Science and as

TPC Chair of ICONE18 held in Xi'an 2010.



Dr Leon Cizelj is head of Reactor Engineering Division of the Jožef Stefan Institute, Ljubljana, Slovenia (http://r4.ijs.si/en). He is responsible for the strategic and operational leadership of the division active in the field of nuclear engineering and safety of nuclear installations. Activities include research,

postgraduate education, technical and scientific support to the Slovenian nuclear regulatory body and technical and scientific consulting to end users. Full professor of nuclear engineering at the University of Ljubljana, Slovenia, Faculty of mathematics and physics. President of the ENEN (European Nuclear Education Network www.enen.eu) Association in 2016, 2017 and 2018. Associate editor of Journal of Nuclear Engineering and radiation Science ASME. Member of the editorial board of Science and Technology of Nuclear Installations. Ph. D. in Physics 1993, University of Ljubljana, Slovenia. Author or coauthor of more than 690 publications more than 100 interviews in the Slovenian mainstream media.



Dr Akihide Kugo is Executive Officer and General Manager for International Department of Japan Nuclear Safety Institute.

Dr Kugo dedicated himself in developing leadership educational programs for nuclear operators such as from the CEOs to the first-line managers. Dr Kugo

is also a member of Working Group on Human and Organizational Factors (WGHOF) of CSNI OECD/NEA. From the aspects of human attributes, Dr Kugo established the program of a crisis management drill and exercise based on the episodic memories of Fukushima Accident. He also applied the methodology of psychological model of Johari-Window to the assessment of leadership training for shift supervisors of nuclear power station. Dr Kugo received a bachelor's degree in Mechanical Engineering from Tokyo University in Japan, and Master degree of Arts in International Study from Leeds University in U.K., and Ph.D. in Energy Science from Kyoto University in Japan. Dr Kugo currently looks after the international business of JANSI.



Dr Kan Wang, PhD, Professor of Nuclear Engineering and Director of Institute of Nuclear Energy Science and Engineering Management (INESEM)at Department of Engineering Physics in Tsinghua University, Beijing. Main research interests include: Development of nuclear numerical reactors,

Monte Carlo methods and multi-physics coupling applied in reactor analysis, New and advanced thorium-based nuclear energy system, Safety analysis. About 680 journal and conference papers have been published, 35 PhD have been fostered while 20 PhD students are at study. Consulting work include: China Nuclear Power Society (Vice President), China Nuclear Education Society (Vice President), Beijing Nuclear Society (Vice President), Academic Committee of Reactor Design Technology Key Lab (Vice Director), etc.

14:00 - 16:00

Bouzy, 1st Floor

Advanced Manufacturing

Chairs: Craig Stover, EPRI

Tomofumi Yamammoto, Mitsubishi Heavy

Industries

Panelists: Craig Stover, EPRI

> Dr Michael Preuss, Nuclear Rolls-Royce University Technology Centre at the University of Manchester Dr Will Kyffin, Nuclear Advanced Manufacturing

Research Centre

Eleonora Lambridis, Westinghouse Naoki Suda, Mitsubishi Heavy Industries

Advanced Manufacturing technologies have the capability to significantly improve the cost, schedule, and quality associated with manufacturing nuclear components. This panel will feature presentations from 6 panelists that are leading work around the world to progress the development of Advanced Manufacturing technology.

PANELISTS:



Craig Stover is a Senior Technical Leader in the Advanced Nuclear Technology (ANT) program at the Electric Power Research Institute (EPRI). In his role, Craig is responsible for managing materials, component, and advanced manufacturing research to support new nuclear plant construction. Craig's prior

work within EPRI has included managing heat exchanger and thermal performance research. Craig joined EPRI after spending 6 years with South Carolina Electric & Gas (SCE&G). During his time at SCE&G, Craig worked on the VC Summer Project licensing and constructing 2 new nuclear power plants. Craig holds a BS degree in Mechanical Engineering from the University of South Carolina and a MBA from Ohio University.



Dr Michael Preuss is Deputy Director of the Nuclear Rolls-Royce University Technology Centre at the University of Manchester and champions the Materials Systems for Demanding Environment theme within the Henry Royce Institute, UK's National Institute for Materials Science Research and

Innovation. He is also associated editor for Journal of Nuclear Materials and led an EPSRC Programme grant focusing on advanced nuclear manufacturing (NNUMAN), which involved academics from the University of Manchester and the Nuclear-AMRC. Michael obtained his PhD from the Technical University Hamburg-Harburg and joined the University of Manchester in 1999. In 2003, he was appointed as Lecturer in Materials Performance and became a core member of the Materials Performance Centre, which focuses on nuclear materials research. Michael was appointed as Chair in Metallurgy in 2010 and has served on a number of scientific advisory boards at large scale research facilities. Currently, he chairs the Scientific Advisory Council of the European Spallation Source (ESS) based in Lund, Sweden and is SAC member of UK's Neutron and Muon Source ISIS.

Dr Will Kyffin is responsible for the powder metallurgy activities within the Nuclear AMRC. This focuses on the consolidation of metallic powders via HIP for nuclear applications. Prior to the Nuclear AMRC, Dr Kyffin spent 8 years in a technical role at TWI researching solid state joining techniques. Before this, Dr Kyffin was a product metallurgist responsible for ensuring quality of wrought nickel based products such as Inconel 718, 625 and 825. His degree and PhD are from the University of Sheffield based on materials science and metallurgy respectively.



Eleonora Lambridis is the manager of Westinghouse's global open innovation program WeLink. In her role, she has the mission to explore and develop new technologies to the nuclear industry through collaboration with startups, small and medium sized enterprises (SMEs), and research

centers. Eleonora has been an innovation leader for Europe Engineering for the past 3 years, and since 2010 has worked as an engineer and project manager for Westinghouse in various roles of increasing responsibility. She has an M.B.A. degree from the Solvay Brussels School of Management and Economics (Belgium) and a master degree in nuclear engineering from the University of Rome La Sapienza (Italy).



Naoki Suda is a research engineer of MHI (Mitsubishi Heavy Industries, LTD.). He performs research and development of welding technology. He has developed welding sensing and automatic welding technology. He was a manufacturing and welding engineer about nuclear power plant equipment before

he became current job position. He obtains international welding engineer, IWE.

14:00 - 16:00

Epernay, 1st Floor

SMRs & Advanced Technologies

Chairs: Robert Stakenborghs, ILD Inc.

Tian Lin, SNERDI

Kohei Hisamochi, Hitachi GE

Panelists: Xujia Wang, SNERDI

Dr Yu Liu, NPIC

Dr Paolo Ferroni, Westinghouse Dr Kazuaki Kito, Hitachi GE

This panel will consist of seven global nuclear technology leaders in advanced and small modular reactors. They will present and discuss technology development progress and status on SMR, advanced reactors, High Temperature Gas Cooled (HTGC) Reactor, and other advanced reactor technologies.

PANELISTS:



Xujia Wang, CHINA. Director of General Technology Department, SNERDI.

He graduated from Tsinghua University with master degree of nuclear science and technology. He has over ten years working experience in the fields of new reactor development/core thermal hydraulic design/

accident analysis. He participated the project of CNP300/CAP1000 design, and is engaged on CAP1400/CAP1700 development. Now, he is also in charge of the development of advanced SMRs in SNERDI.



Dr Yu Liu is a Senior Research Engineer of NPIC (Nuclear Power Institute of China), and acts as the leader of thermal-hydraulic group at the design subinstitute. He obtained his BA and PhD in Nuclear Science and Technology from Tsinghua University, China in 2005 and 2010. He mainly works on

thermal-hydraulic design and safety analysis of nuclear power plant. His interesting includes multi-physics and multi-scale coupling, CFD analysis and DNBR online monitoring. Also he is a member to develop self-reliant software of NPIC, which has been used for ACP100 (Small Modular Reactors of China) design.



Dr Paolo Ferroni is a Fellow Engineer in the Advanced Reactor Development group at Westinghouse Electric Company LLC. He is the technical lead for the Westinghouse Lead Fast Reactor that the company is pursuing as its Next Generation

of high-capacity nuclear power plant technology. While at Westinghouse, Dr Ferroni has worked on several programs focused on the development of advanced technologies for both LWRs and non-LWRs, particularly in the area of advanced fuels and advanced reactor concepts. Dr Ferroni received a MS in Nuclear Engineering from Turin Polytechnic (Italy) and a PhD in Nuclear Engineering from the Massachusetts Institute of Technology (USA).



Dr Kazuaki Kito is a senior engineer of Hitachi-GE Nuclear Energy. He has been developing the plant system and thermal-hydraulics of BWRs and other innovative reactors, and he now mainly works on plant system design of a small modular BWR. He received Ph.D degree of engineering from the

University of Tokyo in 1998.

14:00 - 16:00

Chalon, 1st Floor

Intelligent Technology Application in Nuclear Power Plants

Chairs: Ke Tan, China Nuclear Power Engineering Co., Ltd

Ken Canavan, Westinghouse

Panelists: Qingwei Shi, China Nuclear Control Engineering

Co., Ltd.

Ke Tan, China Nuclear Power Engineering Co., Ltd Dr Guanghui Su, Xi'an Jiaotong University

Ken Canavan, Westinghouse

PANELISTS:



Qingwei Shi is currently the General Manager of China Nuclear Control Engineering Co., Ltd. and he is the Researcher-level senior engineer. Mr.Shi has long been engaged in the nuclear instrumentation industry and has extensive experience in nuclear instrumentation. He graduated from Huabei Electric

Power University with a major in power system relay protection and automatic remote technology.

From 2000 to 2017, Mr. Shi worked as the Director of Instrument Control Office, Director of the Instrumentation Management Division, Assistant to the General Manager and Chairman of the Labor Union of Jiangsu Nuclear Power Co., Ltd..

Since 2017, he has been the General Manager of China Nuclear Control System Engineering Co., Ltd.



Ke Tan is the Deputy Director of State Key Laboratory of Nuclear Power Safety Monitoring Technology and Equipment and a Member of Artificial Intelligence 2.0 National Science and Technology Major Special Item Hybrid Enhancement Expert Committee. He is the Director Human Factors

Engineering Laboratory Founded by NEA. He is the Deputy Director of the Joint Laboratory of Human Reliability and Human-Computer Interaction founded by China Astronaut Research and Training Center and China Guangdong Nuclear Power Engineering Co., Ltd. He is also in charge of HPR1000 MCR R&E.



Dr Guanghui Su is a professor of Xi'an Jiaotong University, and he is the winner of the National Science Foundation for Distinguished Young Scholars of China, Yangtze river scholars Distinguished Professor. He is the co-editor of ASME Journal of Nuclear Engineering and radiation Science and as

TPC Chair of ICONE18 held in Xi'an 2010.



Ken Canavan is the chief technology officer (CTO) for Westinghouse Electric Company. He has strategic responsibility to drive next-generation technology and innovation solutions that align with the company's global business strategy, and leads the effort to strengthen Westinghouse with regard to technology

leadership development.

Previously, Ken served as director, Engineering, for Electric Power Research Institute (EPRI). While at EPRI, he turned industry needs into compelling research and development plans. These plans resulted in $solutions\ to\ improve\ the\ safety\ and\ performance\ of\ the\ global\ nuclear\ fleet.$

Prior to his work at EPRI, Ken was responsible for risk applications at Data Systems and Solutions, ERIN Engineering and Research, and GPU Nuclear. He also was a safety analysis engineer with Davis-Besse Nuclear Power Station in Ohio (USA).

Canavan has a bachelor's degree in chemical engineering, with a nuclear engineering minor, from Manhattan College, New York.



Sunday, July 22

TIME	TITLE	LOCATION		
Full Day Workshops				
09:00 – 15:00	Computational Fluid Dynamics (CFD)	Bouzy, 1st Floor		
09:00 – 15:00	Thermal-Hydraulics Methods, Experimentation and Benchmarking	Epernay, 1st Floor		
09:00 – 15:00	Nuclear Codes and Standards	Reims, 1st Floor		
Half Day Work	shops			
09:00 – 12:00	Waterhammer Analysis	Chalon, 1st Floor		
09:00 – 12:00	Part 1 – Communication for Nuclear Professionals	Alsace, Mezzanine Floor		
12:30 – 15:00	Part 2 – International Communication about Nuclear Power Operation and Safety Monitoring Technologies	Alsace, Mezzanine Floor		
12:30 – 15:00	Probability Safety Assessment and Severe Accidents	Chalon, 1st Floor		
Technical Sessions				
16:00 – 18:00	Technical Sessions	See pages 29 to 33 for session titles, authors and locations		

FULL DAY WORKSHOPS

09:00 - 15:00 Bouzy, 1st Floor

Computational Fluid Dynamics (CFD)

Chair: Yassin Hassan, Texas A&M University, USA

Co-Chairs: Hiroyuki Yoshida, Japan Atomic Energy Agency,

Speakers: Naoyuki Onodera, JAEA, Japan

Masahiro Furuya, CRIEPI, Japan

Yassin Hassan, Texas A&M University, USA Frederick Moody, Retired: GE Nuclear and Professor: San Jose State University, USA

Richard Schultz, ISU TAMU, USA

Elia Merzani, Argonne National Laboratory, USA

Sofiane Benhamadouche, EDF, France

Sam Treasure, Rolls-Royce, UK

Hiroyuki Yoshida, Japan Atomic Energy Agency,

Japan

The CFD seminar will target young researchers and engineers to provide the basis and results for selection of several CFD applications for certain thermal-hydraulic problems. Wide variety knowledge and up-to-date information on CFD will be presented by foreign CFD specialists. The presentations may begin with the fundamental equations and numerical solution methods, and then continues to recent developments and some practice guidelines of CFD for nuclear engineering applications. Informal discussions and questions will be conducted.

09:00 - 15:00

Epernay, 1st Floor

Thermal-Hydraulics Methods, Experimentation and Benchmarking

Guoqiang Wang, Westinghouse Electric Company,

Co-Chairs: Jovica Riznic, Canadian Nuclear Safety

Commission, USA

Shripad Revankar, Purdue University. USA

Jovica Riznic, Canadian Nuclear Safety Speakers:

Commission, USA

Shripad Revankar, Purdue University, USA Guanghui Su, Xi'an Jiaotong University, China Hiroaki Son, Japan Atomic Energy Agency, Japan Frederick Moody. Retired: GE Nuclear and Professor: San Jose State University, USA

Guoqiang Wang, Westinghouse Electric Company,

USA

Peter Gill, Wood, UK

Asif Arastu, Unisont Engineering, Inc., USA Robert Stakenborghs, ILD Inc., USA

This workshop will present an overview of some of the key Thermal-Hydraulic methodologies, experimentation procedures and their applications to nuclear power plants. The relevant computer code model and theory will be described and real experimental work will be presented and discussed. Meanwhile, computer code simulations of experiments and benchmarking will also be presented. For exchanging information and experience purposes, this workshop is applicable to both students/professors and engineers in the relevant industry fields.

09:00 - 15:00 Reims, 1st Floor

Nuclear Codes and Standards

Chair: Clayton Smith, ASME Board of Nuclear Codes and

Standards, USA

Co-Chair: John Bendo, ASME Nuclear Business Manager,

Speakers: Masaki Morishita, Japan Atomic Energy Agency,

Osamu Oyamada, Japan Nuclear Safety Institute,

Clayton Smith, ASME Board of Nuclear Codes and

Standards, USA

John Bendo, ASME Nuclear Business Manager,

This workshop will promulgate an open technical exchange of information and sharing of lessons learned in response to current codes and standards needs. All interested stakeholders will contribute toward the development and modification of codes, standards, and conformity assessment activities and help identify international collaboration efforts.

HALF DAY WORKSHOPS

09:00 - 12:00

Chalon, 1st Floor

Waterhammer Analysis

Asif Arastu, Unisont Engineering, Inc., USA Chair

Co-Chair: Robert Stakenborghs, ILD Inc., USA

Speakers: Frederick Moody, Retired: GE Nuclear and

> Professor: San Jose State University, USA Asif Arastu, Unisont Engineering, Inc., USA Robert Stakenborghs, ILD Inc., USA

This workshop will present an overview of the fluid mechanics of classical waterhammer theory and its application to nuclear power plant systems. All known waterhammer mechanisms will be discussed together with the methods of simulating these. Real plant examples will be presented and discussed. Results of computer simulation of waterhammer solutions will be presented in the form of animations showing the movement of pressure and velocity waves. These greatly help in understanding the phenomena and the associated mechanisms. Fluid Structure Interaction (FSI) aspects will also be addressed.

09:00 - 12:00

Alsace, Mezzanine Floor

Part 1 - Communication for Nuclear **Professionals**

Chair: Leon Cizelj, Jozef Stefan Institute, Slovenia

Co-Chairs: Kirsty Gogan, CEO and Cofounder Energy for

Humanity, UK

Asif Arastu, Unisont Engineering, Inc., USA

Speakers: Leon Cizeli, Jozef Stefan Institute, Slovenia

> Nathan Paterson, ENS YGN Chairman & Customer Account Manager - Civil Nuclear, Rolls-Royce Kirsty Gogan, CEO and Cofounder Energy for

Humanity, UK

Steve Kidd, East Cliff Consulting, UK

Why would nuclear professionals need communication skills? We may start with the fact that nuclear professionals communicate a lot in their daily work. This is communication between peers, is part of the training and is superbly mastered by most of the professionals. Then, in the everyday life, better communication skills could lead to better and more satisfying relations with the people that we interact with. Finally, the nuclear professionals could further develop their already considerable communication skills to communicate about the nuclear technologies beyond their peers. The workshop will provide the insight in the basic communication techniques and traps that might then be used by the participants in the real life situation.

12:30 - 15:00

Alsace. Mezzanine Floor

Part 2 – International Communication about Nuclear Power Operation and Safety Monitoring Technologies

Chairs: Leon Cizelj, Jozef Stefan Institute, Slovenia

Ke Tan, China Nuclear Power Engineering Co., Ltd

Co-Chairs: Kirsty Gogan, CEO and Cofounder Energy for

Humanity, UK

Asif Arastu, Unisont Engineering, Inc., USA Fei-Yue Wang, Institute of Automation, Chinese Academy of Sciences, China

Fei-Yue Wang, Institute of Automation, Chinese Speakers:

Academy of Sciences

Ke Tan, China Nuclear Power Engineering Co., Ltd,

Jian-Guang Zhao, China Nuclear Power

Engineering Co., Ltd, China

Yi-Ke Guo, Imperial College London, UK Hidekazu Yoshikawa, Kyoto University, Japan Mikael Mononen, STUDSVIK, Sweden

Shengke Zhi, Wood, China

Observing parameters and determining the operation safety state by people may lead to the failure in seeing the wood for the trees. There exist threshold definition risks, patrolling

risks and the "passivity in time and human negligence" during accident handing. The safe operation of the nuclear power plant highly relies on people, but it is unable to estimate the human reliability.

Learning Objectives:

This workshop will discuss the development of nuclear power operation safety state monitoring technology.

- Provide an overview of the research the nuclear safe state monitoring and evaluation technologies to reduce the probability of nuclear safety accidents
- Discuss new industry standards related to safe state monitoring and evaluation of nuclear power plants
- Discuss how to reduce human failures and anticipate equipment failures
- Discuss how to develop an intelligent, highly-reliable new generation of nuclear operation safety monitoring system

12:30 - 15:00

Chalon, 1st Floor

Probability Safety Assessment and Severe Accidents

Chair: Ivo Kljenak, Jozef Stefan Institute, Slovenia

Co-Chairs: Tian Wex, Xi'an Jiaotong University, China

Alexei Miassoedov, Karlsruhe Institute of

Technology, Germany

Speakers: Ivo Kljenak, Jozef Stefan Institute, Slovenia

> Tian Wex, Xi'an Jiaotong University, China Yoshihisa Nishi, Central Research Institute of

Electric Power Industry, Japan

Koji Okamoto, University of Tokyo, Japan Guanghui Su, Xi'an Jiaotong University, China Yapel Zhang, Xi'an Jiaotong University, China Alexei Miassoedov, Karlsruhe Institute of

Technology, Germany

Po Hu, Shanghai Jiaotong University, China

Park Huan Sun, Pohang University of Technology,

This workshop contains two parts: Probability Safety Assessment and Severe Accidents. Development and application of PSA in NPPs will be introduced. The phenomenology of severe accidents will also be presented, including heat transfer in the melt pool and hydrogen generation and combustion in the containment. The treatment of severe accidents in nuclear engineering and corresponding management requirements will also be exchanged in this workshop. This workshop is applicable to students and engineers in the PSA and severe accidents fields.

16:00 - 18:00

TECHNICAL SESSIONS

Operations & Maintenance, Engineering, Modifications, Life Extension, Life Cycle and **Balance of Plant**

1-4 **System and Equipment Operation**

Sunday July 22

Room Muscadet | 16:00 - 18:00

Session Chair: Koji Yamada, Chubu Electric Power Co, Inc., Japan Session Co-Chair: Xi Wang, CNNC China Nuclear Power Engineering Co.,

Transient Reactor Test Facility Restart 23 Years Later

ICONE26-81833

Bradley Heath1 Cody C Race2 Lee Nelson1

1. Idaho National Laboratory, Idaho Falls, ID, USA; 2. Idaho National Laboratory, Pocatello, ID, USA

Study on the Operating Strategy Optimization of Moving to Remote Shutdown Station when Main Control Room is

Un-inhabitable ICONE26-81480 Li Li, Shengtao Zhang, Zhao Xu, Yu Du

CNNC China Nuclear Power Engineering Co., Ltd., Beijing, China

Selection and Management of Organization for Implementing V & V Activities in Application Software of Digital Instrument **Control System of Nuclear Power Plant ICONE26-81562**

Qing Li, Xi Wang, Shaohua Wang

CNNC China Nuclear Power Engineering Co., Ltd., Beijing, China

Pump Bearing Fault Detection based on EMD and SVM

ICONE26-81584

Yi Feng, Xianling Li, Zhiwu Ke, Zhaoxu Chen, Mo Tao Wuhan Second Ship Design and Research Institute, Wuhan, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-4 Reactor Physics: Methodology Development I

Sunday July 22

Room Bourg | 16:00 - 18:00

Session Chair: Hakan Ozaltun, Idaho National Laboratory, USA Session Co-Chair: Ben Lindley, Wood, Dorchester, UK

Modelling and Simulation Activities in Support of the UK Nuclear **R&D Programme on Digital Reactor Design ICONE26-81090**

Ben Lindley¹ Dennis Allen² Mark Bankhead³ Dave Bowman⁴ Simon de Haas⁵ Jefri Draup⁶ Lynn Dwyer⁴ Matthew D. Eaton⁷ Erwan Galenne⁶ Christopher Jackson⁵ Ken Lai⁴ Andrew Levers⁴ John Lillington¹ Dzianis Litskevich⁸ Bruno Merk⁸ Geoff Parks⁹ Edoardo Patelli⁸ Eann Patterson⁸ Aiden Peakman³ Eugene Shwageraus⁹ Andy Smethurst1 Paul Smith1 Konstantin Vikhorev4

1. Wood, Dorchester, United Kingdom; 2. Wood, Gloucester, United Kingdom; 3. National Nuclear Laboratory, Warrington, United Kingdom; 4. Virtual Engineering Centre, University of Liverpool, Warrington, United Kingdom; 5. Rolls-Royce, Derby, United Kingdom; 6. EDF Energy, London, United Kingdom; 7. Imperial College London, London, United Kingdom; 8. University of Liverpool, Liverpool, United Kingdom; 9. University of Cambridge, Cambridge, United Kingdom

Development and Verification of a New Nuclear Data Processing System NECP-Atlas ICONE26-81516

Jialong Xu1 Tiejun Zu1 Liangzhi Cao2 Hongchun Wu1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Development and Application of a 2D/1D Fusion Code with Leakage Reconstruction Method ICONE26-81507

Liang Liang¹ Zhouvu Liu² Hongchun Wu²

Sheng Wang² Qian Zhang¹ Qiang Zhao¹

- 1. Harbin Engineering University, Harbin, China;
- 2. Xi'an Jiao Tona University, Xi'an, China

A Neutron Transport Calculation Method for Deep Penetration and its Preliminary Verification ICONE26-81709

Wankui Yang¹ Baoxin Yuan² Songbao Zhang²

Haibing Guo² Yaoguang Liu² Li Deng³

1. China Academy of Engineering Physics, Mianyang, China; 2. Institute of Nuclear Physics and Chemistry, Mianyang, China; 3. Institute of Applied Physics and Computational Mathematics, Beijing, China

Development of Three-Dimensional Neutron Kinetics Code based on High Order Nodal Expansion Method in Hexagonal-Z

Geometry ICONE26-81356

Chao Guo1 Yu Liu2 Hangxing He2 Luguo Liu2 Xiaoyu Wang2 Sufang Xin² Peiying Li² Hongsheng Yuan³ Xiaoli Wu²

1. North China Electric Power University, Beijing, China; 2. Nuclear Power Institute of China, Chengdu, China; 3. Science and Technology on Reactor System Design Technology Laboratory, Nuclear Power Institute of China, Chengdu, China

Application of the Dynamic Rod Worth Measurement Method on **WWER** ICONE26-81055

Wenbo Zhao, Zhumin Jiang, Liangzi Wang, Chenlin Wang, Yingrui Yu, Zhaohu Gong, Minxiao Zhong, Tongxian Liu, Hongzhi Xiang Nuclear Power Institute of China, Chengdu, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-5 Reactor Physics: Methodology Development II

Sunday July 22

Room Talbot | 16:00 - 18:00

Session Chair: Hany Abdel-Khalik, Purdue University, USA

The Preserving Neutron Flux Properties Discrete Scheme for Multi-media Time-dependent Neutron Transport

Equations ICONE26-81519

Zhenying Hong, Guangwei Yuan, Junxia Wei

Institute of Applied Physics and Computational Mathematics, Beijing, China

Analysis and Improvement of Global-Local Self-Shielding Calculation Scheme for AIC Control Rods ICONE26-82196

Jikui Li¹ Tiejun Zu¹ Liangzhi Cao² Hongchun Wu¹ Qingming He¹ 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Multi-dimensional Heterogeneous Resonance Integral Tables Generated for Embedded Self-shielding Method Towards Irregular Lattices ICONE26-81041

Qian Zhang1 Qiang Zhao1 Hongchun Wu2 Liangzhi Cao3 Zheng Zheng4 1. Harbin Engineering University, Harbin, China; 2. Xi'an Jiao Tong University, Xi'an, China; 3. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China; 4. Shanghai Nuclear Engineering Research and Design Institute Co. Ltd., Shanghai, China

Variational Optimization with Multi-Group Neutron Diffusion **Equations: A Two-Group Diffusion Model Validated with**

Monte Carlo ICONE26-81648

Zafar Koreshi, Hamda Khan

Air University, Islamabad, Pakistan

A Space-time Parallel Method to Solve Space-Dependent Neutron Kinetics Equations in Hexagonal-Z Geometry ICONE26-81213

Zhizhu Zhang, Yun Cai, Xingjie Peng, Qing Li

Nuclear Power Institute of China, Chengdu, China

Parallel Computation of the Point Neutron Kinetic Equations using Parallel Revisionist Integral Deferred Correction ICONE26-81205

Yun Cai, Xingjie Peng, Qing Li, Zhizhu Zhang, Zhuming Jiang, Rui Guo Nuclear Power Institute of China, Chengdu, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

Zirconium-based Materials and Zirconium 2-8 Compounds

Sunday July 22

Room Cremant | 16:00 - 18:00

Session Chair: Carsten Schroer, Karlsruhe Institute of Technology (KIT),

A Theoretical Model of the Stress Intensity Factor Threshold of DHC for Fuel Cladding Tube ICONE26-81665

Liang Chen, Lili Liu, Xiaoming Song, Hua Pang

Science and Technology On Reactor System Design Technology Laboratory, NPIC, Chengdu, China

Analyzing the Impact of Solutes on PKA Spectrum for Simulation of Neutron Induced-Radiation Damage in Zr-Based

Metals ICONE26-82132

Guangbo Cai, Yadong Zhang, Yuxiang Han, Jiapei Yu China Institute of Atomic Energy, Beijing, China

Strength Limit of Thimble Tube with Material Plasticity under **Bending Moment and Axial Compression Force ICONE26-81468**

Hisashi Koike¹ Masaji Mori¹ Daisuke Fujiwara² Takashi Shimomura²

1. Nuclear Development Corporation, Ibaraki, Japan; 2. Mitsubishi Nuclear Fuel Co., Ltd, Ibaraki, Japan

Effect of Final Annealing Temperature on Axial Creep Property of CZ Alloys ICONE26-81540

Lin Shi, Liutao Chen, Yang Xu, Changyuan Gao, Jun Tan, Yongjun Deng China Nuclear Power Technology Research Institute Lo., Ltd, Shenzhen, China

Investigation on Breakaway Oxidation Behavior of CZ Alloys

ICONE26-81541

Changyuan Gao, Liutao Chen, Lin Shi, Yang Xu, Jun Tan, Yongjun Deng China Nuclear Power Technology Research Institute Co., Ltd, Shenzhen, China

Oxidation Kinetics and Oxide Properties of Zirconium Hydride

ICONE26-81579

Mingwang Ma, Lei Wang, Binghua Tang

Institute of Electronic Engineering, China Academy of Engineering Physics, Mianyang, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

Nuclear Fuel Safety and Performance Analysis II

Sunday July 22

Room Cognac | 16:00 - 18:00

Session Chair: Rong Liu, City University of Hong Kong, Hong Kong

Thermal and Mechanics Analysis Code of the PWR Nuclear Fuel Performance based on FEM ICONE26-81295

Yongbo Hui, Bo Zhang, Wenhua Zhang, Di Yun, Peichao Zhai Xi'an Jiao Tong University, Xi'an, China

First Steps Towards the Development of a 3D Nuclear Fuel Behavior Solver with OpenFOAM ICONE26-82381

Alessandro Scolaro¹ Ivor Clifford² Carlo Fiorina¹ Andreas Pautz^{1,2}

- 1. École polytechnique fédérale de Lausanne (EPFL), Lausanne, Switzerland;
- 2. Paul Scherrrer Institute, Villigen, Switzerland

Creation of an OpenFOAM Fuel Performance Class based on FRED and Integration into the GeN-Foam Multi-Physics Code

Carlo Fiorina¹ Konstantin Mikityuk² Andreas Pautz³

1. École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland; 2. Paul Scherrer Institute, Villigen, Switzerland; 3. École polytechnique fédérale de Lausanne (EPFL) and Paul Scherrer Institut (PSI), Lausanne, Switzerland

Analysis on the Dynamic Buckling Behavior of the Spacer Grid Structure ICONE26-82298

Yan Guo1 Chenglong Gu2 Wei Tian1 Weicai Li1

- 1. China Nuclear Power Technology Research Institute Co., Ltd, Shenzhen, China;
- 2. China Nuclear Power Research Institute, Shenzhen, China

Analysis on Pellet-Cladding Interaction of Fuel Rod during Power Ramp of NHR200-II ICONE26-81596

Tianshan Kang, Songyang Li, Dingqu Wang, Yueyuan Jiang, Weihua Li Tsinghua University, Beijing, China

Study on Variation of HPGE Detector Dead Layer Thickness and its Effect on the Measurements of the Detector **Response and Samples Characterization using Monte Carlo**

Simulation ICONE26-82098

K. AbdElgawad1 Song Yushou2

1. Egyptian Nuclear and Radiological, Cairo, Egypt; 2. Harbin Engineering University, Harbin, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

Reactor Physics: Methodology Development III

Sunday July 22

Room **Bouzy** | 16:00 – 18:00

Session Chair: Wei Shen, Xi'an Jiaotong University, China

Isogeometric Multi-Level Iterative Solution Algorithms with **Applications in Nuclear Reactor Physics ICONE26-81316**

Charlie Latimer, Jozsef Kópházi, Matthew D. Eaton Imperial College London, London, United Kingdom

Interior Penalty Schemes for Discontinuous Isogeometric **Methods with an Application to Nuclear Reactor**

Physics ICONE26-81322

Seth G. Wilson, Jozsef Kópházi, Matthew D. Eaton, Alex R. Owens Imperial College London, London, United Kingdom

Polygonal Virtual Element Spatial Discretisation Methods for the **Neutron Diffusion Equation with Applications in Nuclear Reactor**

Physics ICONE26-81317

John Ferguson, Matthew D. Eaton, Jozsef Kópházi Imperial College London, London, United Kingdom

Fast Sub-Grid Scale Finite Element Method for the First Order **Neutron Transport Equation ICONE26-82008**

Chao Fang¹ Hongchun Wu¹ Liangzhi Cao² Yunzhao Li¹

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Advances in FEMN: The Code for Nuclear Noise Analysis based on

ICEM-CFD ICONE26-81169

Baoxin Yuan, Herong Zeng, Wankui Yang, Songbao Zhang China Academy of Engineering Physics, Insititute of Nuclear Physics and Chemistry, Mianyang, China

The Design of Nuclear Noise Frequency Spectrum Analysis System and Helium Bubble Movement Behavior Computation for Narrow Channel Core ICONE26-81170

Herong Zeng, Baoxin Yuan

China Academy of Engineering Physics, Insititute of Nuclear Physics and Chemistry, Mianyang, China

Computational Fluid Dynamics (CFD)

Single-phase Flow

Sunday July 22

Room Chalon | 16:00 - 18:00

Session Chair: Kalyan Niyogi, Holtec International, USA

Session Co-Chair: Jinlan Gou, Wuhan 2nd Ship Design and Research Institute, China

Session Co-Chair: Shimpei Saito, University of Tsukuba, Japan

Prediction of Performance of Multi-stage Orifice Assembly using CFD Code ICONE26-81186

Kalyan Niyogi1 Stefan Anton2 Debabrata Mitra-Majumdar2

1. Holtec International, Voorhees, NJ, USA; 2. Holtec International, Camden, NJ,

Numerical Simulation of the Performance of an Axial Compressor **Operating with Supercritical Carbon Dioxide ICONE26-81573**

Jinlan Gou¹ Wei Wang¹ Can Ma¹ Yong Li² Yuansheng Lin¹ Huafeng Li¹ 1. Wuhan Second Ship Design and Research Institute, Wuhan, China; 2. Key Lab. on Steam Power System, Wuhan Second Ship Design and Research Institute, Wuhan, China

Large Eddy Simulations of a Coolant Flow in Spacer Grid Fuel Assemblies with a Spectral Element Solver ICONE26-81892

Haomin Yuan¹ Vakhtang Makarashvili¹ Elia Merzari¹ Aleksandr Obabko2 Yiqi Yu1

1. Argonne National Laboratory, Lemont, IL, USA; 2. Argonne National Laboratory, Argonne, IL, USA

The DOE-NE Center of Excellence for Thermal Fluids Applications in Nuclear Energy ICONE26-82672

Elia Merzari¹ Richard Martineau² Christopher Stanek³

1. Argonne National Laboratory, Lemont, IL, USA; 2. Idaho National Laboratory, Idaho Falls, ID, USA; 3. Los Alamos National Laboratory, Los Alamos, NM, USA

Decontamination & Decommissioning, Radiation Protection, and Waste Management

10-10 D&D General Session II

Sunday July 22

Room Reims | 16:00 - 18:00

Session Chair: Vicky Lange, University College London, United Kingdom

Weibull Parameter Calculation for Evaluation of Radiological Characteristics of Hanul NPP Decommissioning ICONE26-82692

Jongkuk Lee, Jungjoon Lee, Kwan-Hee Lee, Sangmyeon Ahn Korea Institute of Nuclear Safety, Daejeon, Korea

Development of Water Leak Visualization System based on 3D **Ultrasonic Velocity Profiler ICONE26-82614**

Tomonori Ihara¹ Hideharu Takahashi² Hiroshige Kikura²

1. Tokyo University of Marine Science and Technology, Tokyo, Japan; 2. Tokyo Institute of Technology, Tokyo, Japan

Diffusion of Cs+ Ions in Hardened Cement Paste Samples Simulating Altered Concrete at Fukushima Daiichi NPP

ICONE26-82570

Yuri Morishita¹ Hiroaki Takiya² Shingo Tanaka¹ Naoko Watanabe¹ Tamotsu Kozaki1 Daisaku Shitara1

1. Hokkaido University, Sapporo, Japan; 2. JAEA, Tsuruga, Japan

Hydrodynamics of Two-Phase Ionic Liquid Solvent Systems in **Countercurrent Chromatography for Nuclear Fuel Reprocessing**

ICONE26-82423

Vicky Lange¹ Panagiota Angeli¹ Leslie Brown²

1. University College London, London, United Kingdom; 2. AECS Quikprep Ltd., Newquay, United Kingdom

Mitigation Strategies for Beyond Design Basis Events

11-2 Containment Issues: Cooling, Hydrogen. **Fission Products**

Sunday July 22

Room **Epernay | 16:00 – 18:00**

Session Chair: Ivo Kljenak, Jozef Stefan Institute, Slovenia

Session Co-Chair: Yidan Yuan, CNNC China Nuclear Power Engineering Co.,Ltd., China

Hydrogen Ignition Test in a 12m3 Tank with Steam ICONE26-81729

Po Hu, Shuwei Zhai

Shanghai Jiao Tong University, Shanghai, China

Preliminary Analysis of Hydrogen Behavior using GASFLOW-MPI in the OPR1000 Containment under a Severe

Accident Condition ICONE26-81788

JongWook Go, Taehyub Hong, MiRo Seo

Korea Hydro & Nuclear Power Co., Ltd, Daejeon, Korea

Study on Control Strategy of Hydrogen Risk in Small Containment under Severe Accident ICONE26-81899

Zhiqiang Zou¹ Ming Zhang¹ Huanhuan Peng¹ Liqiang Hou² Chunrui Deng1 Xuedong Qiao3

- 1. Science and Technology On Reactor System Design Technology Laboratory, NPIC, Chengdu, China; 2. Nuclear Power Institute of China, Chengdu, China;
- 3. Nuclear and Radiation Safety Center, Ministry of Environment Protection of P.R. China, Beijing, China

Assessment of Radiological Source Term Releases for Potential Severe Accident Scenarios in a PWR SFP ICONE26-81633

Kwang-II Ahn1 Jae-UK Shin2

- 1. Korea Atomic Energy Research Institute, Daejeon, Korea;
- 2. RETech, Hwaseong, Korea

Investigation on Fission Products Release Mitigated by In-Containment Relief Valve under SGTR Accident ICONE26-82161

Taeseok Kim, Wonjun Choi, Joongoo Jeon,

Nam Kyung Kim, Sung Joong Kim

Hanyang University, Seoul, Korea

Numerical Study of Water Droplet Heat Removal and Dynamics during its Impact onto the Micro-Pillar Array at Elevated

Temperature ICONE26-81171

Beni Mehrdad Shahmohammadi, Shangzhen Xie, Jiyun Zhao City University of Hong Kong, Kowloon, Hong Kong

Student Paper Competition

16-6 **Neutronics Analysis and Reactor Physics I**

Sunday July 22

Room Fronsac | 16:00 - 18:00

Session Chair: Fanny Vitullo, École polytechnique fédérale de Lausanne (EPFL) and Paul Scherrer Institute (PSI), Switzerland

Session Co-Chair: Kyle Britton, Virginia Commonwealth University, USA

The Deep-Coupling and Preprocessed Photon Transport based on RMC Codes ICONE26-81036

Qingquan Pan, Kan Wang

Tsinghua University, Beijing, China

Statistical Burnup Distribution of Moving Pebbles in HTR-PM

Reactor ICONE26-81082

Fanny Vitullo¹ Jiri Krepel² Jarmo Kalilainen² Horst-Michael Prasser³ Andreas Pautz4

1. École polytechnique fédérale de Lausanne (EPFL) and Paul Scherrer Institute (PSI), Villigen, Switzerland; 2. Paul Scherrer Institute (PSI), Villigen, Switzerland; 3. ETH Zürich, Zürich, Switzerland; 4. École polytechnique fédérale de Lausanne (EPFL) and Paul Scherrer Institut (PSI), Lausanne, Switzerland

EPR: Burnable Absorber Optimization ICONE26-81215

Michal Zeman, Jiri Zavorka, Radek Skoda

Czech Technical University, Prague, Czech Republic

Coupling Dependence of Multiple Operating Parameters on Burnup Credit Calculations for BWR Spent Fuel Assemblies

ICONE26-82156

Shang-Chien Wu, Der-Sheng Chao, Jeng-Horng Liang National Tsing Hua University, Hsinchu, Taiwan

A Neutronics Feasibility Study of the TRIGA LEU Fuel in the 20MWT NIST Research Reactor ICONE26-82433

Kyle Britton, Zeyun Wu

Virginia Commonwealth University, Richmond, VA, USA

Student Paper Competition

16-11 Nuclear Safety and Accident Analysis I

Sunday July 22

Room Lalande | 16:00 - 18:00

Session Chair: Jian Song, Xi'an Jiaotong University, China

Session Co-Chair: Qingwen Xiong, Xi'an Jiaotong University, China

Characterization and Experimental Investigation for the Dynamic Performance of the Hydraulically Suspended Passive Shutdown System in China Sodium-Cooled Fast Reactor ICONE26-81248

Jian Song¹ Yingwei Wu¹ Wenxi Tian¹ Suizheng Qiu² Guanghui Su¹ 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Study on Hydrogen Migration in Small Water Leak of Sodium-Cooled Fast Reactor ICONE26-81314

Xinjie Deng, Xuewu Cao

Shanghai Jiao Tong University, Shanghai, China

Investigation on Methods for Uncertainty Quantification of Constitutive Models and the Application in BEPU ICONE26-81425

Qingwen Xiong, Junli Gou, Jiangiang Shan Xi'an Jiao Tong University, Xi'an, China

Study on Factors Affecting CHF based on Factorial **Analysis in Narrow Rectangular Channel under Natural** Circulation ICONF26-81863

Zichao Li¹ Zhou Tao¹ Shun Shi¹ Amir Haider¹ Bing Li¹ Zejun Xiao² 1. North China Electric Power University, Beijing, China; 2. Hualong Pressuried Water Reactor Technology Corporation, Ltd., Beijing, China

Experimental Research on the Flow Resistance and Heat Transfer Characteristics in Rod Bundle Channel ICONE26-82195

Zhiqiang Zhu, Chunping Tian, Changqi Yan, Jianjun Wang, Tingting Ren, Zehua Guo Harbin Engineering University, Harbin, China

Student Paper Competition

16-14 Thermalhydraulics I

Sunday July 22

Room Mouton Cadet | 16:00 - 18:00

Session Chair: Ayumi Kitano, Kobe University, Japan

Session Co-Chair: Elvira F. Tanjung, Kyungpook National University, Korea

Simulation Research on Thermal-Hydraulic Performance of a **Natural Circulation Integrated Pressurized Water Reactor**

ICONE26-81059

Yanan Zhao, Minjun Peng, Genglei Xia, Lianxin Lv Harbin Engineering University, Harbin, China

Numerical Investigation on the Heat Transfer Enhancement Behavior outside Longitudinal Finned Tubes ICONE26-81283

Yujia Zhou, Hanliang Bo, Jingyu Du Tsinghua University, Beijing, China

Boiling Visualization and Critical Heat Flux (CHF) Phenomena on PCB in a Saturated Pool at Various Surface **Orientations** ICONE26-81382

Elvira F. Tanjung, Daeseong Jo

Kyungpook National University, Daegu, Korea

Transient Heat Transfer for Helium Gas at Various Flow Decay Time Constants and Heat Generation Rates ICONE26-81391

Qiusheng Liu¹ Ayumi Kitano² Katsuya Fukuda¹ Makoto Shibahara¹ 1. Kobe University, Kobe, Japan; 2. Kobe University, Amagasaki-shi, Japan

Heat Transfer and Fluid Flow Characteristics of One Side Heated Vertical Rectangular Channel Applied as Vessel Cooling System of VHTR ICONE26-81700

Kenta Fujikami, Tetsuaki Takeda, Shumpei Funatani University of Yamanashi, Kofu, Japan



Monday, July 23

TIME	TITLE	LOCATION
08:30 – 10:00	Opening Ceremonies and Keynote Plenary Session	Cremant, 1st Floor
10:00 – 10:30	Coffee Break	Chablis Suite, Ground Floor
10:30 – 12:30	Plenary Session – Industry Leadership Forum	Cremant, 1st Floor
12:30 – 14:00	Lunch	Chablis Suite, Ground Floor
14:00 – 16:00	Technical Sessions	See pages 37 through 41 for session titles, authors and locations
14:00 – 16:00	Panel Session #1	Cremant, 1st Floor, see page 18 for details
16:00 – 16:30	Poster Session and Coffee Break	Chablis Suite, Ground Floor
16:30 – 18:30	Technical Sessions	See pages 41 through 45 for session titles, authors and locations
18:30 – 20:30	Opening Reception	Chablis Suite, Ground Floor

08:30 - 10:00

Cremant, 1st Floor

OPENING CEREMONIES & KEYNOTE PLENARY SESSION

OPENING CEREMONIES

Gouqiang Wang, Chair ICONE26, ASME Fellow Chairman, ASME Nuclear Engineering Division Chairman

Zhi Wang, Co-Chair ICONE26, Deputy Secretary-General of CNS Nobuyuki Ueda, Co-Chair ICONE26, Vice President, CRIEPI, JSME

Yassin Hassan, Technical Program Committee Co-Chair ICONE26, ASME, Texas A&M University

WELCOME REMARKS:

Marc Goldsmith, Past President, ASME

Zengguang Lei, Co-Chair ICONE26, Vice President CNS, Chief Engineer of CNNC

Naoya Sasaki, President, JSME

The President of IMechE

KEYNOTE SPEAKER ONE:

The UK's Future Power Mix – the Role for **Nuclear**



Tom Greatrex, CEO of the Nuclear Industry Association, UK

The ongoing and ever-shifting debate about how to provide a secure, reliable, and affordable low carbon future power mix has got noisier, more entrenched and less objective as real decisions start having to be made - making it harder

for industry, investors and government to deliver their part, and risking a more expensive outcome for consumers and taxpayers. With a putative industrial strategy aiming to drive jobs and growth in all parts of the country, deliver new energy infrastructure and exportable technology, this keynote will explore whether it now time to re-cast and renew the tired old debate of gas v nuclear v renewable v consumption into a coherent approach for the future and recognise the integral role civil nuclear power has to play in meeting energy, industrial and economic objectives alongside - not in place of - other forms of generating power.

Formerly MP for Rutherglen and Hamilton West, Tom was shadow energy minister from 2011 - 2015 and the opposition's lead spokesman on nuclear energy, electricity market reform, smart grid and metering, carbon capture and storage, interconnection and both onshore and offshore oil and gas.

Leading the scrutiny of the Energy Act and the Infrastructure Act in the last Parliament, he secured a number of amendments to the proposed legislation. He also served as a member of the Energy Select Committee from 2010 and from 2007-2010 was a policy adviser in the Scotland Office, including on energy.

Since 2015, he has been an independent policy analyst working in the energy sector for a range of clients, a frequent media commentator on energy issues, and a regular columnist for Utility Week. In a varied prior career, he was Director of Corporate Affairs for the NHS in Scotland, a chief officer in local government and a GMB trade union official in England. Outside of work his main interests are family, football (Fulham) and film.

KEYNOTE SPEAKER TWO:

New Nuclear Plants can Compete Against Fossil Energy (and Complement Renewables) if Best Practices Used



Kirsty Gogan, CEO, Energy for Humanity,

New nuclear plants can be a costcompetitive part of the solution to global warming if best in class planning and construction practices are followed, according to a new study released this week. No new technology is required,

the study found, although new technologies could reduce the nuclear plant costs further.

The year-long study, commissioned by the UK-based Energy Technologies Institute, reviewed cost drivers at 33 nuclear plants recently built or under construction around the world. It concluded that best in class management and construction techniques alone could reduce the cost of new conventional water-cooled nuclear plants even in Europe and North America to \$4,000/kw or \$60/MWH - a level which the study shows has already been achieved or beaten by South Korea and Japan, as well as China and Russia. That would make new nuclear plants competitive with new gas fired plants even in the United States, which has the world's lowest gas electricity costs. Plants built to this price point could also provide competitively priced flexible power to complement wind, solar and other renewable energy, with no emissions.

Kirsty Gogan is co-founder and executive director of Energy for Humanity (EFH), a UK-and Switzerland-based non-profit organisation with a global outlook focused on solving climate change and enabling universal access to modern energy services. Future leaders will need all tools at their disposal to solve global challenges including air pollution and energy security, whilst providing low cost, clean power to billions of people and improving life chances for women and children throughout the world.

In pursuit of these goals, Energy for Humanity (EFH) strongly advocates for evidence-based, whole-system, and technology-inclusive solutions in pursuit of the best (meaning, fastest, most cost-effective, most feasible) outcomes for people and nature. Our work includes running projects in multiple countries, including oversight of a successful campaign to prevent premature closure of the Swiss nuclear fleet in 2016. EFH led a delegation of the world's most highly regarded climate scientists to Paris COP21 in order to make the case for nuclear to be recognised as a climate solution. EFH was subsequently shortlisted for the Business Green Leaders "Green NGO of the Year" Award in 2016.

In 2017, at COP23, EFH published a new report on European Climate Leadership 2017 and presented a new study on Decarbonizing Cities with Advanced Nuclear. Ms. Gogan is also founding director of CleanTech Catalyst (a consultancy specialising in climate and energy), recently commissioned by the Energy Technologies Institute to lead the Nuclear Cost Drivers Study in partnership with Lucid Strategy (based in

Cambridge, MA). Ms. Gogan is regularly invited as an expert speaker on science communication, nuclear competitiveness and innovation to high profile events around the world. She has more than 15 years' experience as a senior advisor industry, non-profits and Government, including at 10 Downing St, the Office of the Deputy Prime Minister, and the Department of Energy and Climate Change.

10:00 - 10:30

Chablis Suite, Ground Floor

COFFEE BREAK

10:30 - 12:30

Cremant, 1st Floor

PLENARY SESSION: INDUSTRY LEADERSHIP FORUM

Plenary session sponsored by



Leon Cizelj, Chair ICONE26 Steering Committee, Jožef Stefan Institute, ASME

Zhi Wang, Co-Chair ICONE26, Deputy Secretary-General of CNS Nobuyuki Ueda, Chair ICONE26, Vice President, CRIEPI, JSME Robert Stakenborghs, Chair ICONE26 Steering Committee, **ASMF**

SPEAKER ONE:

Nuclear Energy Powering China's Green Development



Zengguang Lei, Vice President of Chinese Nuclear Society (CNS), Chief Engineer of China National Nuclear Corporation (CNNC), China

Today, while Chinese entering new era, nuclear energy will play an irreplaceable role along with other green energy sources, and it is also considered as

an important choice for promoting green development and building a beautiful China.

With the promotion of people living quality, the innovation and development of advanced nuclear energy technology are embracing a new round of precious historical opportunities.

During the process of developing the safe, efficient and innovative nuclear energy, the following achievements have been made such as the successful implementation of "Hualong One" (HPR 1000) nuclear power technology demonstration project, the public acceptance of innovative concepts and demonstration projects of the "Linglong One" (ACP 100) and "Yanlong" (DHR 400).

We believe that nuclear energy is a clean and green energy. The innovative development of nuclear energy technology will secure and sustain a beautiful ecological environment.

In 1986, he graduated from Tsinghua University, with a Master's Degree in Isotope Separation. And in 2006, Mr. Lei gained his doctor degree majoring in Nuclear Engineering and Technology in Department Of Engineering Physics, Tsinghua University.

Mr. Lei started his career at the Technology Section in Shaanxi Uranium Enrichment Company, holding positions including Assistant Engineer, Engineer and Senior Engineer. In 1997, Mr. Lei became Chief Engineer of the Company and was Vice President in 2001.

In 2002, he was President of Research Institute of Physical-Chemical Engineering of Nuclear Industry. In 2002, he joined Research Institute of Physical-Chemical Engineering of Nuclear Industry as its President. Since 2010, he has been Chief Engineer of CNNC and Vice President of CNS.

SPEAKER TWO:

Overcoming Economic Challenges and **Building Enduring Value: A U.S. Nuclear Plant Operator's Perspective**



Christopher Mudrick, Senior Vice President, Exelon, USA

U.S. nuclear plants are facing a perfect storm of economic challenges, including flat electricity demand, rising nuclear costs, increased natural gas supply, aging transmission system constrains and a lack of carbon policy. This presentation

will provide an overview of these challenges, as well as the solutions nuclear operators are driving to build enduring value for struggling facilities.

Chris is responsible for the oversight of Exelon's Northeast nuclear facilities, Calvert Cliffs, James A. FitzPatrick, Nine Mile Point, and R.E. Ginna, which together produce 5,300 megawatts of clean, reliable energy. Exelon's 14 nuclear facilities in total generate more than 22,000 megawatts of zero-carbon electricity. Exelon Nuclear is the third largest nuclear fleet in the world and the largest in America with nearly 20 percent of the nation's nuclear generating capacity.

Chris has more than 30 years of progressive experience in plant operations in support of nuclear power stations, including his current responsibilities in Exelon Nuclear. Prior to his current position, Chris was the Senior Vice President Mid-Atlantic Operations for the Exelon Nuclear Sites: Limerick, Peach Bottom, Oyster Creek, and Three Mile Island. Previous positions include the Sr. Vice President Operations Support, Site Vice President and Plant Manager Limerick Generating Station.

Chris holds a Bachelor of Science degree in Electrical Engineering from Lehigh University. He was licensed by the NRC as a Senior Reactor Operator at Limerick. In 2008, he completed the Exelon Leadership Institute at Northwestern University. Chris completed the Harvard Business School Advanced Management Program in 2015. He is a licensed professional engineer in the state of Pennsylvania and is a member of the American Nuclear Society.

Chris lives in West Chester, PA with his wife Jeanne and their four children.

SPEAKER THREE:

Public Engagement on Nuclear Energy



Andrew Sherry, Chief Scientist and Technology Officer, NNL, UK

Access to affordable, reliable and clean energy is fundamental to modern life and there is now broad political support for nuclear power within a diverse low carbon energy mix. In the UK, public opinion polls reveal support for

nuclear energy as part the mix, but factors including cost, environmental impact and waste management can influence this. In other countries, the public's views vary widely.

However, the challenge of public perception of an industry is not unique to nuclear. Often, large infrastructure projects generate public concern for all sorts of reasons. Safety is often a consideration, generally alongside other factors that can include the inconvenience of a construction project, the impact on house prices, trust in the developers, etc. Such issues arise with projects that include nuclear plants, fracking projects, railway lines, incinerators, prison construction and recycling facilities. Given this commonality, it is important that the nuclear sector not only learns from other sectors, but considers how to lead the way in public engagement.

This presentation will consider factors that can help the nuclear sector engage more effectively with the public: learning from the past and from other sectors regarding public engagement on large infrastructure projects; developing more effective and meaningful engagement with civil society to build confidence and trust; and the ongoing need to educate the nuclear workforce and ensure the younger generation enter our sector with the best understanding of, and attitude towards, public engagement.

Professor Andrew Sherry was appointed as NNL's Chief Scientist in January 2015, joining NNL from The University of Manchester where he was Director of the Dalton Nuclear Institute. Previously he was Director of the University's Materials Performance Centre, held a Royal Society Industry Fellowship, and was a senior consultant in the nuclear industry working within the field of materials and structural integrity.

Andrew led the establishment of the flagship Dalton Cumbrian Facility, a partnership with the Nuclear Decommissioning Authority to create a centre of excellence in radiation science and engineering decommissioning research, and led the collaboration with Sheffield University to create the Nuclear Advanced Manufacturing Research Centre. He was also Programme Director for the £8 million "New Nuclear Manufacturing" research programme funded by the Engineering and Physical Research Council, the Universities of Manchester and Sheffield and Rolls-Royce.

Andrew has been a member of both the UK Nuclear Industry Council

and the UK Nuclear Innovation Research Advisory Board. He provides independent advice on strategic and technical aspects of nuclear power and has advised international nuclear bodies including CEA, INL and the Korea Atomic Energy Research Institute

SPEAKER FOUR:

Japan's Nuclear Energy Policy



Shinjiro Takeda, Ministry of Economy, Trade and Industry (METI), Japan

The official view of the Japanese government on nuclear power is that it is an important base-load power source as a low carbon and quasi-domestic energy source, contributing to stability of energy supply-demand structure, on the major

premise of ensuring of its safety, because of the perspectives; 1) superiority in stability of energy supply and efficiency, 2) low and stable operational cost and 3) free from GHG emissions during operation. The presentation will explain the current status of nuclear energy in Japan and some key challenges. Among them is nuclear innovation. Developing reactors with safety, economy, and flexibility is expected to be an important key.

Shinjiro Takeda is Director of Office for the International Nuclear Energy Cooperation and Office for Nuclear Technology and Human Resources Agency for Natural Resources and Energy Ministry of Economy, Trade and Industry (METI). Previously he was Director of Office for the Nuclear Technology, Safety and Human Resources Agency for Natural Resources and Energy. From 2014 to 2016 he was Deputy Director Policy Planning and Coordinator Division Minister's Secretariat. From 2012 to 2014 he was Deputy Director of the Nuclear Energy Policy Division for the Agency for Natural Resources and Energy. From 2011 to 2012 he was Deputy Director of the Nuclear Emergency Response Headquarters for the Fukushima accident. In 2000 he joined the Ministry of International Trade and Industry (MITI).

He received an MBA from SAID Business School at the University of Oxford in 2007. In addition he received an L.L.M. from the School of Law at Duke University. He also was Faculty of Law at the University of Tokyo from 1996 to 2000.

12:30 - 14:00

Chablis Suite, Ground Floor

LUNCH

14:00 - 16:00

PANEL SESSION

See pages 18 and 19 for panel session details.

14:00 - 16:00

TECHNICAL SESSIONS

Operations & Maintenance, Engineering, Modifications, Life Extension, Life Cycle and Balance of Plant

1-1 System Transient Analysis

Monday July 23

Room Bourg | 14:00 - 16:00

Session Chair: Robert Stakenborghs, ILD Power, USA

The Effects of Compressibility and Piping Geometry on Steamhammer Loads ICONE26-81003

Robert Stakenborghs¹ Frederick J Moody²

1. ILD Power, Baton Rouge, LA, USA; 2. Independent Consultant, Turlock, CA, USA

Residual Unbalanced Mass Determination of an AMBs Controlled Rotor based on Control Current Analysis of the Feedback Loop

ICONE26-81575

Tianpeng Fan, Zhe Sun, Xiaoshen Zhang, Xunshi Yan,

Jingjing Zhao, Zhengang Shi

Tsinghua University, Beijing, China

Research on Resistance Characteristics and Detailed Flow Field of Eccentric Orifice Plate ICONE26-81789

Gao Chang, Zhang Kun, li Xu Dong, Zhang Ao, Xu kaili

China Nuclear Power Operation Technology Corporation. Ltd, Wuhan, China

A New Method of Integrating the RELAP5 to the RINSIM Simulation Platform ICONE26-82016

Chao Tan1 Victor Quiroga2 Zheng Fu2 Zhengquan Xie1

- 1. China Nuclear Power Operation Technology Corporation, Ltd, Wuhan, China;
- 2. Innovative Systems Software, Barcelona, Spain

Study on NPP Reactivity Accident Operating Strategy Design based on Function Analysis and Task Analysis

Technology ICONE26-81478

Yu Aimin, Xu Zhao, Du Yu, Sun Qian

China Nuclear Power Engineering Co., Ltd., Beijing, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-1 Nuclear Fuel Safety and Performance Analysis I

Monday July 23

Room Muscadet | 14:00 - 16:00

Session Chair: Hakan Ozaltun, Idaho National Laboratory, USA

Royal Military College of Canada Contribution to IAEA CRP# T12027 "Use of Neutron-Absorbers to Improve CANDU Reactor Operating Margins" ICONE26-81013

Paul K. Chan

Royal Military College of Canada, Kingston, ON, Canada

Research on the Effect of Grid Clamping Failure on Flow Elastic Stability and Vortex Shedding of Fuel Rod ICONE26-81509

Huan-huan Qi, Zhi-peng Feng, Nai-bin Jiang, Qian Huang, Xuan Huang Nuclear Power Institute of China, Chengdu, China

Experimental Research and Development of Safety Analysis Systems for Advanced Types of Fuel Rods ICONE26-82387

Alexander I. Maximkin, Ivan S. Kryukov, Alexander N. Ableev,

Alexander V. Berestov, Ilya I. Rodko

National Research Nuclear University MEPhl (Moscow Engineering Physics Institute), Moscow, Russia

Influence of Xe-135 Dynamic Behavior on Core Operation Safety for a Molten Salt Reactor ICONE26-82352

Jianhui Wu, Xiaoxiao Li, Jifeng Hu, Chunyan Zou,

Chenggang Yu, Xiangzhou Cai, Jingen Chen

Shanghai Institute of Applied Physics, Shanghai, China

Assessment of Failure Modes of Monolithic Fuel Plates ICONE26-82437

Hakan Ozaltun, Pavel G. Medvedev, Barry H. Rabin

Idaho National Laboratory, Idaho Falls, ID, USA

Finite Element Analysis for Fuel Assembly Structural Behavior

ICONF26-81621

Youngik Yoo, Kyounghong Kim, Kyongbo Eom, Seongki Lee, Jongsung Yoo KEPCO Nuclear Fuel, Daejeon, Korea

Plant Systems, Structures, Components and Materials

3-6 **Experimental Design**

Monday July 23

Room Chalon | 14:00 - 16:00

Session Chair: Qianfeng Liu, Institute of Nuclear and New Energy

Technology, Tsinghua University, China, China

Session Co-Chair: William A. Byers, Westinghouse, USA

Experimental Study of Motion-Resistance Force of Hydraulic Cylinder of CRHDM ICONE26-81214

Qianfeng Liu¹ Yuzheng Li² Huang Zhang² HanLiang Bo²

1. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 2. Tsinghua University, Beijing, China

Experimental Study and Analysis of the Deformable Pipe of CRHDM ICONE26-81281

Yuzheng Li¹ Huang Zhang¹ Qianfeng Liu² HanLiang Bo¹

1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Grounded Control Rod Position Measurement with Two-Electrode Capacitance Sensor ICONE26-81362

Guang Hu¹ Benke Qin² HanLiang Bo²

1. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 2. Tsinghua University, Beijing, China

Demonstrative HEAF (High Energy Arcing Fault) Fire Tests of High and Low Voltage Switchgears of Nuclear Power Plants

ICONE26-82177

Koji Shirai¹ Koji Tasaka² Ji Junghoon² Tsukasa Miyagi³ Iwata Mikimasa³ 1. CRIEPI, Tokyo, Japan; 2. CRIEPI, Abiko, Japan; 3. CRIEPI, Yokosuka, Japan

Experimental Research on the Fluid Induced Forces of Clearance

Flow in Canned Motor Reactor Coolant Pump ICONE26-82296

Rui Xu, Yaoyu Hu, Yun Long, Junlian Yin, Wang Dezhong

Shanghai Jiao Tong University, Shanghai, China

WATCH Loop Development and Commissioning Tests ICONE26-82626 William A. Byers1 Guogiang Wang2

1. Westinghouse, Pittsburgh, PA, USA; 2. Westinghouse Electric Company LLC, Murrysville, PA, USA

Instrumentation and Control (I&C) and Influence of Human Factors

4-1 **Design and Reliability of DCS**

Monday July 23

Room Cognac | 14:00 - 16:00

Session Chair: Victor Morokhovskyi, Framatome GmbH, Germany

Session Co-Chair: Yong Huang, CNPRI, China

Internal Vibration Source Analysis of AMB-Rotor System in HTR-PM Primary Helium Circulator ICONE26-81339

Jinpeng Yu, Lei Zhao

Tsinghua University, Beijing, China

A Novel more Reliable and Extensible Architecture of **Instrumentation and Control Systems** ICONE26-81570

Shugiao Zhou, Chao Guo, Duo Li, Xiaojin Huang Tsinghua University, Beijing, China

Multi-Diversity for FPGA Platform Based NPP I&C Systems: New Possibilities and Assessment Technique ICONE26-82377

Vyacheslav Kharchenko¹ Andriy Kovalenko¹ Kostiantyn Leontiiev¹ Artem Panarin¹ Vyacheslav Duzhy²

1. RPC Radiy, Kropyvnytskyi, Ukraine; 2. National Aerospace University "KhAI" named after N.E. Zhukovskiy, Kharkiv, Ukraine

Design Optimization of Modernization of I&C System using Digital Technology in NPPs ICONE26-82498

Longgiang Zhang, Jiahong Yan, Weining Zhao, Weijun Huang State Key Laboratory of Nuclear Power Safety Monitoring Technology and Equipment, Shenzhen, China

Design and Feasibility Analysis of the Electricity Generation System based on Residual Heat ICONE26-82558

Zhe Dong, Miao Liu, Yifei Pan Tsinghua University, Beijing, China

Advanced Reactors and Fusion Technologies

5-1 **Fusion Technology I**

Monday July 23

Room Reims | 14:00 - 16:00

Session Chair: Mauro Cappelli, ENEA, Italy

Energy Calibration of Scintillator Detectors in Different Neutron Diagnostic System on Tokamak ICONE26-81190

Zhiqiang Cui

Tsinghua University, Beijing, China

Neutronic Study on a New Concept of Accelerator Driven Subcritical System in China ICONE26-81329

Jinyang Li, Long Gu, Cunfeng Yao, Dawei Wang, Tianji Peng, Yanlei Zhu Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou, China

A Mathematical Link between the Natural Energy of Stars and Fission ICONE26-81093

Brenda Bayles

Bayles Farms, Toronto, KS, USA

Systems Engineering Approach for Pre-Conceptual Design of **DEMO Divertor ICONE26-82421**

Domenico Marzullo¹ Danilo Nicola Dongiovanni² Jeong Ha You³ 1. CREATE Consortium - University of Naples Federico II, Napoli, Italy; 2. ENEA, Frascati, Italy; 3. Max Planck Institute for Plasma Physics, Garching, Germany

Design, Research and Development of Vacuum Vessel for Chinese Fusion Engineering Testing Reactor ICONE26-82657

Shijun Qin, Kun Lu, Yuntao Song, Jiefeng Wu

Institurte of Plasma Physics Chinese Academy Sciences (ASIPP), Hefei, China

Nuclear Safety, Security, and Cyber Security

6-1 Nuclear Safety

Monday July 23

Room **Alsace | 14:00 – 16:00**

Session Chair: Jovica Riznic, Canadian Nuclear Safety Commission, Canada

Nuclear Facility Safety Enhancement using Sandia National Laboratories' Computer Codes ICONE26-81097

David L.Y. Louie

Sandia National Laboratories, Albuquerque, NM, USA

Safety Analysis Model of DUCG based on FMEA/FTA ICONE26-81484

Zhenxu Zhou, Hao Nie, Chunling Dong, Qin Zhang

Tsinghua University, Beijing, China

A Critical Experimental Study of Bubble Effect in the Process of Spent Fuel Dissolving ICONE26-81644

Zhou Xiaoping, Liang Shuhong, Zhaodong Xia China Institute of Atomic Energy, Beijing, China

Muon Tomography for Measuring Amount of Nuclear Materials in Fuel Debris \mid CONE26-82139

Tsukasa Sugita¹ Haruo Miyadera² Kenichi Yoshioka¹ Naoto Kume²

1. Toshiba Energy Systems & Solutions Corporation, Kawasaki, Japan;

2. Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan

A New Safety Analysis Method of Control Rod Ejection Accident in PWR NPP based on the Failure of Causal

Relationship ICONE26-81879

Shi-Yu Yan¹ Hua Liu² Zhaohui Liu¹ Xiao-hua Yang¹ Meng Li³ Zhi Chen⁴
1. University of South China, Hengyang, China; 2. School of Electrical Engineering,
University of South China, Hengyang, China; 3. School of Computer, University
of South China, Hengyang, China; 4. Nuclear Power Institute of China, Chengdu,
China

Numerical Research on Shock Resistance Safety Analysis of Ship Power Plant Valve ${\tt ICONE26-82137}$

Jun Wu, Fan Bai, Yong Liu, Xingsheng Lao, Chunhui Dai Wuhan Second Ship Design and Research Institute, Wuhan, China

Codes, Standards, Licensing, and Regulatory Issues

7-1 Regulatory Interactions with Codes and Standards I

Monday July 23

Room **Epernay | 14:00 – 16:00**

Session Chair: John Bendo, ASME, USA

The Role of the NRC in License Renewals ICONE26-81904

Samuel Miranda

Independent Author, Silver Spring, MD, USA

Technical Insights of SSR-2/1 Safety of Nuclear Power Plants: Design (Rev.1) ICONE26-81983

Hua Zheng, Shuhong Wei

China Nuclear Power Design Co., Ltd. (Shenzhen), Shenzhen, China

ACRS: Enduring Legacy Contributing to Reactor Safety

ICONE26-82275

Hossein Nourbakhsh

U.S. Nuclear Regulatory Commission, Washington, DC, USA

NQA-1 Certification: Distinction in the Nuclear Industry

ICONF26-82521

Chris Mahler¹ Clayton Smith²

1. ASME, New York, NY, USA; 2. Smith Associates Consulting Group LLC, Simpsonville, SC, USA

AFCEN RCC-F: A New Standard for the Fire Protection Design of New Built Light Water Nuclear Power Plants ICONE26-81893

Bernard Gautier, Mickael Cesbron, Richard Tulinski

EDF SEPTEN, Lyon, France

Regulatory Perspective on the Fitness-for-Service Requirements for the Pressure Tube to Calandria Tube Contact in CANDU

Reactors ICONE26-82687

Sankar Laxman, John Jin

Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Thermal-Hydraulics and Safety Analyses

B-1 Boiling Heat Transfer and Behavior I

Monday July 23

Room Bouzy | 14:00 - 16:00

Session Chair: Chuanxin Peng, Nuclear Power Institute of China, China

Experimental Investigation on Critical Heat Flux in Horizontal

Tube ICONE26-81107

Chuanxin Peng, Yuanfeng Zan

Nuclear Power Institute of China, Chengdu, China

A Simplified Force-Balance Model to Predict Bubble Departure Diameter in Horizontal Flow Boiling ICONE26-81302

Jingyu Du, Chenru Zhao, HanLiang Bo, Yujia Zhou Tsinghua University, Beijing, China

A Visual Experiment of Single Bubble Growth Processes in a Vertical Rectangular Channel ICONE26-81415

Ning Cheng, Yun Guo, Changhong Peng

University of Science and Technology of China, Hefei, China

Subcooled Flow Boiling Inception and Heat Transfer of Water in a Circular Tube under Pulsatile Flow ICONE26-81476

Hongsheng Yuan 1 Sichao Tan 2 Kun Cheng 2 Xiaoli Wu 1

Chao Guo³ Mingjun Zhong¹

1. Science and Technology on Reactor System Design Technology Laboratory, Nuclear Power Institute of China, Chengdu, China; 2. Harbin Engineering University, Harbin, China; 3. North China Electric Power University, Beijing, China

Study on the Prediction of DNB-Type Critical Heat Flux in Rod Bundle under Motion Conditions ICONE26-81544

Siyang Huang¹ Xiaoyan Wang¹ Wenxi Tian¹ Ronghua Chen¹ Junmei Wu¹ Guanghui Su¹ Suizheng Qiu²

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Experimental Study of Quench Temperature during Reflood Phase

ICONE26-81564

Jinyu Wang, Jun Wang, Yuanfeng Zan, Yanping Huang

Nuclear Power Institute of China, Chengdu, China

Student Paper Competition

16-2 **Computational Fluid Dynamics I**

Monday July 23

Room Talbot | 14:00 - 16:00

Session Chair: Anastasiia Zvorykina, Otto von Guericke University Magdeburg, Germany

Session Co-Chair: Xiaohan Zhao, Xi'an Jiaotong University, China

CFD Analysis of Supercritical-Water Flow and Heat Transfer in **Vertical Bare Tube ICONE26-81045**

Anastasiia Zvorykina¹ Nataliia Fialko²

Svitlana Stryzheus² Dmytro Khmil² Igor Pioro³

1. Otto von Guericke University Magdeburg, Magdeburg, Germany; 2. Institute of Engineering Thermophysics of National Academy of Sciences of Ukraine, Kiev, Ukraine; 3. University of Ontario Institute of Technology, Oshawa, ON, Canada

Reactor Baffle Cooling CFD Framework for Swelling Assessment

ICONF26-82365

Yuliia Filonova, Vladislav Filonov, Yaroslav Dubyk IPP-CENTRE Ltd., Kiev, Ukraine

Hydraulic Characteristics Research on SG under Tube Plugging Operations using Fluent ICONE26-81641

Xiaohan Zhao¹ Mingjun Wang¹ Wenxi Tian¹ Guanghui Su¹ Suizheng Qiu² 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

A Criticality Evaluation of Fukushima Daiichi Unit 1 Fuel Debris

ICONE26-81148

Maria Freiria Lopez, Michael Buck, Joerg Starflinger University of Stuttgart, Stuttgart, Germany

Interface Tracking Simulations of Two-phase Flow Utilizing Adaptive Meshing Capabilities ICONE26-81247

Joseph J. Cambareri, Igor A. Bolotnov North Carolina State University, Raleigh, NC, USA

Student Paper Competition

16-7 **Neutronics Analysis and Reactor Physics II**

Monday July 23

Room Fronsac | 14:00 - 16:00

Session Chair: Luca Ratti, S.U.R.O./ University of Pisa, Czech Republic Session Co-Chair: Yanan He, Xi'an Jiaotong University, China

Neutronic Analysis for VVER-440 Type Reactor using PARCS Code ICONF26-82607

Luca Ratti¹ Guido Mazzini² Marek Ruscak² Valerio Giusti³ 1. S.U.R.O./ University of Pisa, Prague, Czech Republic; 2. Centrum výzkumu ež (Research Centre Rez), Husinec - Rez, Czech Republic; 3. University of Pisa -Dipartimento di Ingegneria Civile e Industriale, Pisa, Italy

A Universal Adjoint-Weighted Algorithm for Geometric Sensitivity Analysis of K-Eigenvalue based on Continuous-Energy Monte

Carlo Method ICONE26-82494

Hao Li, Ganglin Yu, Shanfang Huang, Kan Wang Tsinghua University, Beijing, China

A Selective Pn Approach for the Solution of Even Parity Forward and Adjoint Neutron Transport Equation ICONE26-82532

Mostafa Yousefi, E. Nouri, A. Zolfaghari, A. Minuchehr Shahid Beheshti University, Tehran, Iran

Development of an Optimized Transport Solver in SARAX for Fast Reactor Analysis ICONE26-82380

Zhitao Xu1 Hongchun Wu1 Youqi Zheng1 Mingtao He2

1. Xi'an Jiao Tong University, Xi'an, China; 2. China Nuclear Power Technology Research Institute, Shenzhen, China

Low-Cycle Strength of Elements of Constructions ICONE26-81860

Alexander Zvorykin¹ Roman Popov² Mykola Bobyr³ Igor Pioro²

1. National Technical University of Ukraine, Kiev, Ukraine; 2. University of Ontario Institute of Technology, Oshawa, ON, Canada; 3. National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Kiev, Ukraine

Analysis of UO₂-BeO Fuel Performance during Normal Conditions and RIA ICONE26-82076

Yanan He1 Yingwei Wu1 Shihuai Wang2 Bowen Qiu1 Guanghui Su1 1. Xi'an Jiao Tong University, Xi'an, China; 2. China Nuclear Power Technology Research Institute, Chengdu, China

Student Paper Competition

16-12 Nuclear Safety and Accident Analysis II

Monday July 23

Room Lalande | 14:00 - 16:00

Session Chair: Yoshihisa Hiraki, Nagaoka University of Technology, Japan Session Co-Chair: Derek Logtenberg, Canadian Nuclear Safety Comission, Physics and Fuel Division, Canada

Convective Heat Transfer in CANDU Spent Fuel Racks after a Loss of Coolant ICONE26-81461

Derek Logtenberg¹ Wade Grant¹ Paul K. Chan² Emily Corcoran² 1. Canadian Nuclear Safety Commission, Physics and Fuel Division, Ottawa, ON, Canada; 2. Royal Military College of Canada, Kingston, ON, Canada

Basic Experimental Study on Effectiveness of Nuclear Waste Long-term Storage Containers with PAR for Reducing Concentration of Hydrogen Gas: Part 2 - Hydrogen Behavior in a

Small-Scale Modeled Container ICONE26-81704

Yoshihisa Hiraki1 Gaku Takase1 Yohta Suzuki1

Yuusei Tanaka1 Kazuyuki Takase2

1. Nagaoka University of Technology, Nagaoka, Japan; 2. Nagaoka University of Technology, Niigata-Ken, Japan

Investigation of Flammability of Hydrogen Gas with Diluent Gases under Severe Accident Conditions using CNFT Model

ICONE26-81773

Joongoo Jeon, Nam Kyung Kim, Wonjun Choi,

Taeseok Kim, Sung Joong Kim

Hanyang University, Seoul, Korea

Transient Modeling of Advanced High Temperature Reactor (AHTR) in RELAP5/SCDAPSIM/MOD 4.0 ICONE26-81874

Hsun-Chia Lin1 Sheng Zhang1 Shanbin Shi1

Xiaodong Sun¹ Richard Christensen²

- 1. University of Michigan, Ann Arbor, MI, USA;
- 2. University of Idaho, Idaho Falls, ID, USA

Numerical and Experimental Investigation on Core Assembly Thermal-Gradient-Induced Deformation of Sodium-Cooled Fast

Reactor ICONE26-81891

Zehua Ma1 Yingwei Wu1 Guanghui Su1 Wenxi Tian1 Suizheng Qiu2 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Student Paper Competition

16-15 Thermalhydraulics II

Monday July 23

Room Mouton Cadet | 14:00 - 16:00

Session Chair: Victor Razumovskiy, National Technical University of Ukraine 'KPI', Ukraine

Session Co-Chair: Taro Sugimoto, University of Tsukuba, Japan

Modeling of Bubble Behavior in Low Void Fraction Subcooled Flow Boiling ICONE26-81173

Shintaro Sakamoto¹ Hiroki Ohori² Koji Enoki² Tomio Okawa³

- 1. The University of Electro-Communications, Chohu, Japan;
- 2. The University of Electro-Communications, Chiba, Japan;
- 3. The University of Electro-Communications, Tokyo, Japan

Numerical Analysis on Characteristic of Hydrogen Mixing and Stratification in a Containment Model ICONE26-81235

Cheng Peng, Lili Tong, Xuewu Cao

Shanghai Jiao Tong University, Shanghai, China

On Experimental and Computational Investigation of Heat Transfer Deterioration and Hydraulic Resistance in Annular Channel and SCWR 3-Rod Bundle ICONE26-81289

Vladislav Filonov¹ Yuliia Filonova² Victor Razumovskiy¹ Evgeniy Pis'mennyi¹ 1. National Technical University of Ukraine 'KPI', Kyiv, Ukraine; 2. IPP-CENTRE Ltd., Kiev. Ukraine

Research on Thermal Efficiencies of Various Power Cycles for GFRs and VHTRs ICONE26-81618

Mohammed Mahdi¹ Roman Popoy² Igor Pioro²

1. Faculty of Energy Systems and Nuclear Science University of Ontario Institute of Technology, Oshawa, ON, Canada; 2. University of Ontario Institute of Technology, Oshawa, ON, Canada

Visualization Study on Droplet-Entrainment in a High-Speed Gas Jet into a Liquid Pool ICONE26-81695

Taro Sugimoto¹ Shimpei Saito¹ Akiko Kaneko¹ Yutaka Abe¹ Akihiro Uchibori² Hiroyuki Ohshima¹

- 1. University of Tsukuba, Tsukuba, Japan;
- 2. Japan Atomic Energy Agency, Oarai, Japan

Study on Thermal-Hydraulic Characteristics of Vertical Narrow **Rectangular Channel with Large Aspect Ratio under Transverse Uneven Heating ICONE26-81757**

Rulei Sun¹ Yichen Yang¹ Dalin Zhang¹ Jiawei Bian¹ Suizheng Qiu2 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

16:00 - 16:30

Chablis Suite, Ground Floor

POSTER SESSION & COFFEE BREAK

16:30 - 18:30

TECHNICAL SESSIONS

Operations & Maintenance, Engineering, Modifications, Life extension, Life Cycle and **Balance of Plant**

1-3 **Equipment and System Design**

Monday July 23

Room Bourg | 16:30 - 18:30

Session Chair: Ron Smith, Nuvia, United Kingdom

Study on Advanced PWR NPP Safety Related Equipment **Qualification Function Requirement Design Methodology**

Zhao Xu1 Miao Zhuang1 Yi Ke2

- 1. China Nuclear Power Engineering Co., Ltd., Beijing, China;
- 2. CNPE, Beijing, China

Classification Optimization for Waste Related Buildings and Structures of NPPS ICONE26-81408

Zongwen Hu, Yijie Qian, Li Fan

China Nuclear Power Engineering Co., Ltd., Beijing, China

Characteristic Tests on Transition Core of HTR-10 ICONE26-81797

Liqiang Wei, Dongmei Ding, Ling Liu, Yucheng Wang,

Xiaoming Chen, Feng Xie

Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Calculational-Experimental Monitoring of Radiation Damage Parameters on VVER Equipment and Their Application during **Equipment Residual Life-Time Estimation ICONE26-81708**

Pavel Borodkin, Nikolay Khrennikov, Azamat Gazetdinov

Scientific and Engineering Centre for Nuclear and Radiation Safety, Moscow, Russia

High Power VVER Design for European Countries ICONE26-82640 Sergey Svetlov

JSC ATOMPROEKT, Saint Petersburg, Russia

Interim Spent Fuel Storage Facility (ISFSF) ICONE26-82709 Ron Smith1 Chris Medlock2

1. Nuvia, Didcot, United Kingdom; 2. Nuvia, Warrington, United Kingdom

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-2 **Reactor Physics: Sensitivity and Uncertainty Analysis**

Monday July 23

Room Muscadet | 16:30 - 18:30

Session Chair: Wei Shen, Xi'an Jiaotong University, China

Enhancement of Stochastic Sampling Capability in RMC Code

ICONE26-81982

Guanlin Shi1 Yishu Qiu2 Kan Wang1

1. Tsinghua University, Beijing, China; 2. Department of Engineering Physics,

Propagation of Nuclear Data Uncertainties in PWR Pin-Cell Burnup Calculations via Stochastic Sampling ICONE26-81711

Luigi Mercatali, Yousef Alzaben, Victor Hugo Sanchez Espinoza Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany

Towards Development of Uncertainty Library for Nuclear Reactor Core Simulation ICONE26-82385

Dongli Huang¹ Hany Abdel-Khalik¹ Ondrej Chvala² Guillermo Maldonado²

- 1. Purdue University, West Lafayette, IN, USA;
- 2. University of Tennessee, Knoxville, TN, USA

Uncertainty Evaluation and Sensitivity Analysis under Accident Scenarios ICONE26-81020

Daniel de Souza Gomes¹ Antonio Teixeira E Silva²

- 1. Energy and Nuclear Research Institute (IPEN), São Paulo, SP, Brazil;
- 2. IPEN/CNEN-SP, São Paulo, SP, Brazil

Uncertainty Analysis for the BEAVRS PWR Full-Core Simulation with Depletion ICONE26-82638

Chenghui Wan1 Liangzhi Cao2 Wei Shen1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Uranium Enrichment Measurement using Enrichment-Meter Approach ICONE26-82101

K. AbdElgawad1 Song Yushou2

1. Egyptian Nuclear and Radiological, Cairo, Egypt; 2. Harbin Engineering University, Harbin, China

Plant Systems, Structures, Components and Materials

3-11 **Materials for advanced reactors**

Monday July 23

Room Chalon | 16:30 - 18:30

Session Chair: Takashi Wakai, Japan Atomic Energy Agency, Japan Session Co-Chair: Carsten Schroer, Karlsruhe Institute of Technology (KIT),

Failure Assessment of Nuclear Graphite Component in TMSR

ICONF26-82044

Y.T. Gao, Derek Zeng, Zhoutong He, Min Liu

Shanghai Institute of Applied Physics, Shanghai, China

Effect of Oxygen Concentration in Static Pb-Bi Eutectic on Corrosion Behavior of Aluminum-Alloyed Austenitic Steels at **550°C for 1000 H** ICONE26-81713

Valentyn Tsisar¹ Carsten Schroer¹ Zhangjian Zhou² Olaf Wedemeyer³ Aleksandr Skrypnik³ Jürgen Konys¹

- 1. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany;
- 2. School of Material Science and Engineering, University of Science and Technology Beijing, Beijing, China; 3. Karlsruhe Institute of Techology (KIT), Institute for Applied Materials - Applied Materials Physics, Eggenstein-Leopoldshafen, Germany

Research of Weld Cladding of Vessel in Molten Salt Reactor

ICONE26-81857

Zhijun Li

Shanghai Institute of Applied Physics, CAS, Shanghai, China

The Compatibility of Nuclear Graphite with Molten Salt in the Molten Salt Reactor ICONE26-82065

Zhoutong He¹ Hui Tang² Can Zhang¹ Y.T. Gao¹ Huihao Xia² Xingtai Zhou² 1. Shanghai Institute of Applied Physics, Shanghai, China; 2. Shanghai Institute of Applied Physics, Chinese Academy of Sciences, Shanghai, China

Practical Experience Gained from Operating the Lead-Bismuth LOOP CORRIDA ICONE26-82513

Carsten Schroer¹ Olaf Wedemeyer² Valentyn Tsisar¹

Aleksandr Skrypnik² Jürgen Konys¹

- 1. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany;
- 2. Karlsruhe Institute of Techology (KIT), Institute for Applied Materials Applied Materials Physics, Eggenstein-Leopoldshafen, Germany

Fretting Experiments with 15-15Ti Stabilized Fuel Cladding Material in PbBi ICONE26-82634

Annette Heinzel, Alfons Weisenburger, Fabian Lang, Georg Müller Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany

Instrumentation and Control (I&C) and Influence of Human Factors

4-2 Safety of I&C Systems

Monday July 23

Room Cognac | 16:30 - 18:30

Session Chair: Hidekazu Yoshikawa, Harbin Engineering University, China Session Co-Chair: Eugene Babeshko, RPC Radiy, Ukraine

Research on Nuclear Power Plant Safety Functional Requirements Analysis and Function Allocation ICONE26-82230

Jia Ming, Huang Huan, Zhang Xuegang

China Nuclear Power Design Co., Ltd. (Shenzhen), Shenzhen, China

NPP I&C Safety Assessment by Aggregation of Formal

Techniques ICONE26-82270

Eugene Babeshko¹ Vyacheslav Kharchenko¹ Kostiantyn Leontiiev¹ Oleg Odarushchenko² Oleksiy Strjuk²

1. RPC Radiy, Kropyvnytskyi, Ukraine; 2. Radics LLC, Kropyvnytskyi, Ukraine

The Security Vulnerability Analysis of Nuclear Power Digital **Instrument Control Platform NASPIC ICONE26-81486**

Hua Liu1 Zhaohui Liu2 Xiao-hua Yang2 Meng Li3

Zhigang Feng² Qing Zhao² Zhi Chen⁴

- 1. School of Electrical Engineering, University of South China, Hengyang, China;
- 2. University of South China, Hengyang, China;
- 3. School of Computer, University of South China, Hengyang, China;
- 4. Nuclear Power Institute of China, Chengdu, China

Integrated Defense-in Depth DiD Risk Analysis System for Safety **Operation of Nuclear Power Plants ICONE26-82639**

Hidekazu Yoshikawa¹ Yang Ming²

1. Harbin Engineering University, Harbin, China; 2. South China University of Science and Technology, Guangzhou, China

FMEDA and FIT-Based Safety Assessment of NPP I&C Systems Considering Expert Uncertainty ICONE26-82048

Alexander Yasko¹ Eugene Babeshko² Vyacheslav Kharchenko²

1. National Aerospace University, Kharkiv, Ukraine; 2. RPC Radiy, Kropyvnytskyi,

Introduction of the Class1 FPGA Platform "Nu Coss S-Zero" for the UK ABWR ICONE26-82675

Shohei Nakamura, Hideo Harada, Masahiro Shiraishi,

Masashi Suenaga, Keisuke Yamamoto

Hitachi, Ltd., Hitachi-shi, Japan

Advanced Reactors and Fusion Technologies

5-2 **Fission Reactors Design and Analyses**

Monday July 23

Room Reims | 16:30 - 18:30

Session Chair: Ivan Di Piazza, ENEA C.R. Brasimone, Italy

Experimental Tests with Non-Uniformly Heated 19-Pins Fuel Bundle Cooled by HLM ICONE26-81216

Morena Angelucci¹ Ivan Di Piazza² Mariano Tarantino² Ranieri Marinari¹ Valerio Sermenghi² Giuseppe Polazzi²

1. University of Pisa, Pisa, Italy; 2. ENEA C.R. Brasimone, Camugnano, Italy

Research on Heat Transfer Characteristics of the Thermometric Sphere in HTR-10 ICONE26-81768

Shiyan Sun, Youjie Zhang, Yanhua Zheng, Xiang Fang, Xiaoyong Yang Tsinghua University, Beijing, China

Core Design Study of Super FBR with Multi-Axial Fuel Shuffling and Different Coolant Density ICONE26-81501

Shogo Noda, Sukarman Sukarman, Akifumi Yamaji, Tetsuo Takei, Takanari Fukuda, Arisa Ayukawa Waseda University, Shinjuku-ku, Japan

A Framework and Model for Assessing the Design Point Performance, Off-Design Point Performance, Control, Economics and Risks of Brayton Helium Gas Turbine Cycles for Generation IV **Nuclear Power Plants ICONE26-81686**

Arnold Gad-Briggs1 Pericles Pilidis2 Theoklis Nikolaidis2

- 1. Cranfield University & EGB Engineering UK, Cheshire, United Kingdom;
- 2. Cranfield University, Bedford, United Kingdom

Simulation of HTR-10 Anti-Compton HPGE Gamma-Ray Spectrometer with Geant4 ICONE26-81254

Cui Mao¹ Liguo Zhang² Yibao Liu¹ Bing Xia³ Zaizhe Yin⁴ Jiejuan Tong² 1. East China University of Technology, Nanchang, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 3. Tsinghua University, Nanchang, China; 4. Tsinghua University, Beijing, China

Analysis of Enhanced Cooling for the EU-DEMO HCPB Breeding Blanket Modules using the GETTHEM Code ICONE26-82416

Antonio Froio¹ Fabio Cismondi² Laura Savoldi³ Roberto Zanino³ 1. Politecnico di Torino, Torino, Italy; 2. EUROfusion Consortium, Garching bei München, Germany; 3. Dipartimento Energia, Politecnico Di Torino, Torino, Italy

Nuclear Safety, Security, and Cyber Security

6-2 **Nuclear Security- Security Culture**

Monday July 23

Room Alsace | 16:30 - 18:30

Session Co-Chair: David L.Y. Louie, Sandia National Laboratories, USA

The Benefits of Security Culture for Improving Physical **Protection Systems at Detection and Radiation Measurement** Laboratory ICONE26-81054

Nia Febriyanti, Ari S. Prabowo, Haryono Budi Santosa, Herlina Zainal University of Gadjah Mada, Yogyakarta, Indonesia

Development of Malicious Hand Behaviors Detection Method by Movie Analysis ICONE26-81643

Kazuyuki Demachi, Shi Chen The University of Tokyo, Tokyo, Japan

Review and Security Assessment of Red Oil Explosions in

Evaporator ICONE26-82221

Yiren Lian, Hongchao Sun, Chen Lei, Dongyuan Meng, Guogiang Li, Dajie Zhuang, Shutang Sun, Jiangang Zhang China Institute for Radiation Protection, Taiyuan, China

Online Adversarial Learning of Reactor State ICONE26-82372

Yeni Li. Elisa Bertino, Hany Abdel-Khalik Purdue University, West Lafayette, IN, USA

Anomaly Detection for I&C Networks of NPPs based on Deep Packet Inspection ICONE26-82575

Jianghai Li¹ Chao Guo² Qianqian Jia² Xiaojin Huang² Huasheng Xiong² 1. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 2. Tsinghua University, Beijing, China

Study on Target Sets Identification Approach for Cyber-Attack against Nuclear Power Plants based on Vital Area Identification

Method ICONF26-82578

Yoshiki Kimura¹ Kazuyuki Demachi² Hirofumi Tomikawa¹ Mistutoshi Suzuki¹ 1. Japan Atomic Energy Agency, Tokai-mura, Japan; 2. The University of Tokyo, Tokyo, Japan

Research on the Neutron Multiplicity Pulse Trains Computer Simulation ICONE26-82262

Sufen Li, Quanhu Zhang, Yonggang Huo, Man Zhou Xi'an Research Institute of High-Technology, Xi'an, China

Codes, Standards, Licensing, and Regulatory **Issues**

7-2 **Regulatory Interactions with Codes and** Standards II

Monday July 23

Room Epernay | 16:30 - 18:30

Session Chair: Clayton Smith, Smith Associates Consulting Group LLC, USA

The Backfit Rule's Compliance Exception ICONE26-81905

Samuel Miranda

Independent Author, Silver Spring, MD, USA

KEPIC Code Case Review for Clamping Device and Weld-overy Technology of Small Diameter Pipe Socket Welds ICONE26-82603

So Young Jeon¹ Myoungsung Sohn¹ Geun-Suk Choi¹ Hyun Jae Joo¹ Lee Jong Eun¹ Sanghoon Lee² Cho Hongseok³ Gi Ho Sung⁴

1. Korea Electric Association, Seoul, Korea; 2. Korea Institute of Materials and Science (KIMS), Changwon, Korea; 3. Kepco Kps, Seongnam-Si, Korea; 4. SUNG IL (SIM) Co., Ltd., Busan, Korea

Establishment of "Technical Guidelines for Watertight Facilities (JEAG4630-2016)" ICONE26-81208

Koji Yamada1 Kyoichi Chuda2 Akihiko Masu3 Shoichi Goto4 Isamu Nakazuka5 Yohei Komiyama6 Tatsumi Horiuchi6 Tomokazu Iwata⁷ Yasuhiro Tsumura⁷ Shizuo Noda⁸

1. Chubu Electric Power Co, Inc., Nagoya, Japan; 2. The Japan Atomic Power Company, Ibaraki, Japan; 3. Electric Power Development Co., Ltd., Tokyo, Japan; 4. Obayashi Corporation, Tokyo, Japan; 5. Toshiba Energy Systems & Solutinos Corporation, Yokohama, Japan; 6. Hitachi-GE Nuclear Energy, Ltd., Hitachi, Japan; 7. Mitsubishi Heavy Industries, Ltd., Kobe, Japan; 8. Japan Nuclear Safety Institute, Tokyo, Japan

Nonlinear Analysis in Pressure Vessel Design Codes: Recommendations for Codified Rules Improvements ICONE26-81095 Claude Faidy

AFCEN-CF Integrity Engineering, Tassin, France

Discussion on Safety Classification for Equipment of Nuclear Power Plants ICONE26-82105

Dan He, Yue Zhang

China Nuclear Power Engineering Co., Ltd., Beijing, China

Decontamination & Decommissioning, **Radiation Protection, and Waste Management**

10-9 **D&D General Session I**

Monday July 23

Room Cremant | 16:30 - 18:30

Session Chair: Kenji Matsuzaki, IRID, Toshiba Energy Systems & Solutions Corporation, Japan

Development of ROV to Investigate inside of Primary Containment Vessel at Fukushima Daiichi Unit 3 ICONE26-82197

Kenji Matsuzaki¹ Norihito Nakamura¹ Daiki Maruyama¹ Yoichi Murai² 1. IRID, Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan; 2. IRID, Tokyo, Japan

Process Study of Liquid Phase Catalytic Exchange Process for Water Detritiation ICONE26-81258

Li Peilong, Xiong Renjin, Luo Deli, Song Jiangfeng, Luo Junhong, Guo Li, Zhang Zhi, Tang Tao Institute of Materials, Chengdu, China

Laser Decontamination of Metal Surfaces ICONE26-81864

Luisa Carvalho¹ Wilfried Pacquentin¹ Michel Tabarant¹ Morgan Dal² Alexandre Semerok¹ Hicham Maskrot¹ 1. CEA, Gif sur Yvette, France; 2. ENSAM, Paris, France

Intensified Extraction of Uranium(VI) in Impinging-Jets Reactors

Dimitrios Tsaoulidis, Eduardo Garciadiego Ortega,

Wenyu Lyu, Panagiota Angeli

University College London, London, United Kingdom

Piezoelectric Nuclear Battery Driven by the Jet-flow: Reliable Dynamic Energy Conversion from Heat to Electricity ICONE26-82697

Yi Zhou, Jiaqing He

Southern University of Science and Technology, Shenzhen, China

Nuclear Education and Public Acceptance

12-1 **Nuclear Education and Public Acceptance I**

Monday July 23

Room Bouzy | 16:30 - 18:30

Session Chair: Asif Arastu, Unisont Engineering, Inc., USA

Session Co-Chair: Patricia Paviet, Department of Energy - Office of Nuclear Energy, USA

Generation IV International Forum Education and Training Webinars: Education Tools for the Next Generation

Workforce ICONE26-81027

Patricia Paviet

Department of Energy - Office of Nuclear Energy, Germantown, MD, USA

Numerical Simulation for Nuclear Engineering Education: A Case Study in a Course "Advanced Nuclear Reactor Thermal

Analysis" ICONE26-81042

Shanfang Huang, yaopeng Gong, Chao Li, Ruilong Liu, Jiageng Wang, Kan Wang Tsinghua University, Beijing, China

The Nuclear Technology Education Consortium: UK Nuclear **Education to Meet the Global Workforce Demand ICONE26-81044**

John Roberts, The University of Manchester, Manchester, United Kingdom

Technical Workforce Education and Training Program at Abu Dhabi Polytechnic: Integration of Academia and Industry

Requirements ICONE26-82094

Anthony Hechanova, Abu Dhabi Polytechnic, Abu Dhabi, United Arab Emirates

15 Years of the European Nuclear Education Network (ENEN Association) ICONE26-82611

Leon Cizelj¹ Joerg Starflinger² Veronique Decobert³

Behrooz Bazargan-Sabet⁴ Filip Tuomisto⁵ Michèle Coeck⁶ Pascal Anzieu⁷ John Roberts⁸ Tzanny Kokalova Wheldon⁹ Pedro Dieguez Porras¹⁰

1. Jozef Stefan Institute, Ljubljana, Slovenia; 2. University of Stuttgart, Stuttgart, Germany; 3. Westinghouse Electrique France, Orsay, France; 4. École des Mines de Nancy, Nancy, France; 5. Aalto University, Alto, Finland; 6. SCK • CEN, Mol, Belgium; 7. CEA-INSTN Institut national del sciences & techniques nucleaires, Gif sur Yvette, France; 8. The University of Manchester, Manchester, United Kingdom; 9. School of Physics & Astronomy, University of Birmingham, Birmingham, United Kingdom; 10. ENEN Association, Gif sur Yvette, France

Student Paper Competition

Computational Fluid Dynamics II

Monday July 23

Room Talbot | 16:30 - 18:30

Session Chair: Wei Peng, Tsinghua University, China

Session Co-Chair: Mohammad A. Hawila, Texas A&M University, USA

CFD Investigation of Thermal-Hydraulic Behaviors in Full Reactor Core for Sodium-Cooled Fast Reactor ICONE26-81626

Jing Chen¹ Dalin Zhang¹ Suizheng Qiu² Kui Zhang¹

Mingjun Wang¹ Guanghui Su¹

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Computational Simulation of Hydrogen Permeation Experiment

Xiao Wu1 WaiLam Chan2 Shanbin Shi1 Xiaodong Sun1 Richard Christensen2

- 1. University of Michigan, Ann Arbor, MI, USA;
- 2. University of Idaho, Idaho Falls, ID, USA

Numerical Research on Melt Pool Flow Characteristics under Rolling Condition ICONE26-81994

Simin Luo¹ Xin'an Wang¹ Yapei Zhang¹ Dalin Zhang¹

Suizheng Qiu2 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Numerical Simulation of Bubble Dynamic under Ocean

Conditions ICONE26-81639

Chen Chong¹ Mingjun Wang¹ Wenxi Tian¹ Suizheng Qiu² Guanghui Su¹ 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

A Numerical Study of Particle Deposition through Fuel Pebble Bed in HTGR ICONE26-81792

Qi Sun, Gang Zhao, Wei Peng, Suyuan Yu Tsinghua University, Beijing, China

RCIC Turbo-Pump Scaling through CFD and Model Testing for the Texas A&M University NHTS Facility ICONE26-81119

Mohammad A. Hawila, Karen V. Kirkland Texas A&M University, College Station, TX, USA

Student Paper Competition

16-8 **Nuclear Fuels and Materials I**

Monday July 23

Room Fronsac | 16:30 - 18:30

Session Chair: Wei Zhou, City University og Hong Kong, China Session Co-Chair: Darrell Cheu, Purdue University, USA

Optimization of Fuel Storage in Spent Fuel Pool ICONE26-81084

Xinyu Wang¹ Richard Cable Kurwitz² Zhijian Zhang¹

1. Harbin Engineering University, Harbin, China; 2. Texas A&M University, College Station, TX, USA

Derivation of Critical Parameters of Betavoltaics ICONE26-81109

Darrell Cheu¹ Thomas Adams² Shripad Revankar¹

1. Purdue University, West Lafayette, IN, USA; 2. Naval Surface Warfare Center, Crane Division, Crane, IN, USA

Experimental Research on Energy Release and Fragments Characteristics under Molten Materials Discharged into Liquid

Sodium ICONE26-81400

Liang Hu¹ Kui Ge¹ Yapei Zhang¹ Guanghui Su¹ Wenxi Tian¹ Suizheng Qiu² 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Multiphysics Modeling of Fabrication Methods Effect on UO₂-BeO Composite Fuels Performance ICONE26-81429

Wei Zhou¹ Wenzhong Zhou²

1. City University of Hong Kong, Hong Kong, China; 2. City University of Hong Kong, Kowloon, Hong Kong

The Influence of Pebble Placement on the Wake of Tandem Pebbles in a Free Stream ICONE26-81884

Gerrit Botha¹ Yassin Hassan¹ Richard Cable Kurwitz¹ Elia Merzari²

1. Texas A&M University, College Station, TX, USA; 2. Argonne National Laboratory, Lemont, IL, USA

Preliminary Research on the Oxidation Effect of the Carbon Steel Plate of Downward Facing Pool Boiling by Two-Dimensional

Image ICONE26-82019

Kai Wang¹ Nejdet Erkan¹ Koji Okamoto²

1. University of Tokyo, Tokyo, Japan; 2. University of Tokyo, Ibaraki, Japan

Student Paper Competition

16-13 Nuclear Safety and Accident Analysis III

Monday July 23

Room Lalande | 16:30 - 18:30

Session Chair: Deeksha Gupta, Framatome GmbH, Germany Session Co-Chair: Tangtao Feng, Xi'an Jiaotong University, China

Cyber Threat Scenarios for Electrical Systems of Nuclear Power

Plants ICONE26-82411

Deeksha Gupta, Edita Bajramovic, Mithil Parekh, Karl Waedt Framatome GmbH, Erlangen, Germany

CANDU 6 Accident Analysis using RELAP/SCDAPSIM with the Integrated Uncertainty Package ICONE26-82241

Roxana-Mihaela Nistor-Vlad¹ Daniel Dupleac¹ Ilie Prisecaru¹

Chris Allison² M. Perez-Ferragut² Judith Hohorst³

1. Politehnica University of Bucharest, Bucharest, Romania; 2. Innovative Systems Software, Ammon, ID, USA; 3. Innovative Systems Software, Idaho Falls, ID, USA

Numerical Research on Fuel Rod Progression during Core Degradation Process using MELCOR ICONE26-81738

Tangtao Feng¹ Wenxi Tian¹ Ping Song¹ Jun Wang² Mingjun Wang¹ Guanghui Su¹ Suizheng Qiu³

1. Xi'an Jiao Tong University, Xi'an, China; 2. University of Wisconsin, Madison, WI, USA; 3. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Validation of CTF Void Predictions using the BFBT Database

ICONE26-81869

Nathan Porter¹ Maria Avramova¹ Vincent Mousseau²

1. North Carolina State University, Raleigh, NC, USA; 2. Sandia National Laboratories, Albuquerque, NM, USA

Condition Fault Tree: An Extension of Traditional Fault Tree to Handle Uncertainty ICONE26-81243

Zhenxu Zhou, Qin Zhang

Tsinghua University, Beijing, China

Student Paper Competition

16-16 Thermalhydraulics III

Monday July 23

Room Mouton Cadet | 16:30 - 18:30

Session Chair: Anna Fortova, Czech Technical University in Prague, Czech Republic

Session Co-Chair: Yuki Nakamura, University of Tsukuba, Japan

Comparison of Drift-Flux Models for Void Fraction Prediction in Sub-Channel of Vertical Rod Bundles ICONE26-81435

Quan-yao Ren, Liang-ming Pan, Wen-xiong Zhou,

Ting-pu Ye, Hang Liu, Song-song Li

Chongqing University, Chongqing, China

Pressure Drop Experiments of Liquid Sodium Flowing in a 7-Rod

Bundle ICONE26-81444

Yandong Hou¹ Liu Wang¹ Yingwei Wu² Wenxi Tian²

Guanghui Su² Suizheng Qiu¹

1. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China; 2. Xi'an Jiao Tong University, Xi'an, China

Two Phase Flow Behavior during Pool Scrubbing ICONE26-81497

Yuki Nakamura, Kota Fujiwara, Wataru Kikuchi, Shimpei Saito,

Tomohisa Yuasa, Akiko Kaneko, Yutaka Abe

University of Tsukuba, Tsukuba, Japan

TREAT Transient Modeling and Impact of Graphite Thermal

Scattering ICONE26-81887

Nina C. Sorrell, Ayman I. Hawari

North Carolina State University, Raleigh, NC, USA

VVER 1000 Pressurizer System and Control Modelling in Dymola

ICONF26-81263

Anna Fortova1 Filip Jezek2

- 1. Czech Technical University in Prague, Prague, Czech Republic;
- 2. Czech Technical University in Prague, Faculty of Electrical Engineering, Prague, Czech Republic

Two-Phase Flow Regime Identification using Fluctuating Force Signals under Machine Learning Techniques ICONE26-81288

Yuta Saito, Shuichiro Miwa, Shuhei Torisaki Hokkaido University, Sapporo, Japan

18:30 - 20:30

Chablis Suite, Ground Floor

OPENING RECEPTION

See page 13 for details.

Tuesday, July 24

TIME	TITLE	LOCATION
08:30 – 10:00	Plenary Session – Current Status of Nuclear Power	Cremant, 1st Floor
10:00 – 10:30	Poster Session & Coffee Break	Chablis Suite, Ground Floor
10:30 – 12:30	Technical Sessions	See pages 48 through 52 for session titles, authors and locations
12:30 – 14:00	Lunch	Chablis Suite, Ground Floor
14:00 – 16:00	Panel Sessions	See pages 19 through 23 for panel session details
16:00 – 16:30	Poster Session & Coffee Break	Chablis Suite, Ground Floor
16:30 – 18:30	Technical Sessions	See pages 52 through 56 for session titles, authors and locations
19:00 – 22:00	Conference Banquet	Twickenham Stadium, Rose Suite Whitton Road, Twickenham

08:30 - 10:00

Cremant, 1st Floor

PLENARY SESSION: CURRENT STATUS OF NUCLEAR POWER

Plenary Session sponsored by



Shripad Revankar, Technical Program Committee Chair ICONE26, Purdue University, ASME

Dongshan Zheng, CEO of General Nuclear Internal Ltd (CGN UK) Hiroshige Kikura, Technical Program Committee Chair ICONE26, Tokyo Institute of Technology, JSME

Asif Arastu, Award Committee Chair and Steering Committee Member ICONE26, Unisont Engineering Inc, ASME

SPEAKER ONE:

Current Status of Nuclear Power in China



Dongshan Zheng, CEO of General Nuclear Internal Ltd (CGN UK)

This speaker will provide a global perspective on CGN and prospects for the Chinese and United Kingdom nuclear sector.

In 1984 after graduation, Dongshan joined Guangdong Nuclear Power Joint Venture

Company Ltd (GNPJVC) and trained in France to be a safety technical advisor. In 2003, Mr Zheng, was appointed Deputy General Manager of Daya Bay Nuclear Power Operations & Management Co., Ltd. In 2004, Dongshan, became General Manager of Yangjiang Nuclear Power Co., Ltd. In 2005, appointed General Manager of China Nuclear Power Engineering Co., Ltd. Throughout 2008-2017, Dongshan has been Senior Vice President of China General Nuclear Power Corporation. From 2016 to present, Mr Zheng has been CEO of General Nuclear International Ltd (also known as CGN UK).

SPEAKER TWO:

Transformative Efficiency: Innovation to Improve Operations and Maintenance



Ken Canavan, Chief Technology Officer, Global Technology Services

Now more than ever, the nuclear industry is under pressure to reduce costs and increase production to remain a competitive power generation source. As obsolescence concerns continue to grow, so do costs associated with operations

and maintenance. Heavy regulations and public perception have contributed to the slow pace of innovative solutions, but the industry is starting to see signs of a paradigm shift.

Westinghouse has been through several transformations in its esteemed 132-year history. As we emerge from our most recent one we have refocused our attention to creating innovative technologies that will drive the nuclear industry of tomorrow. Disruptive technologies that enhance safety, reliability and efficiency will transform the way we do business and help us to continue to provide clean energy to our customers around the globe.

Ken Canavan is the chief technology officer (CTO) for Westinghouse Electric Company. He has strategic responsibility to drive next-generation technology and innovation solutions that align with the company's global business strategy, and leads the effort to strengthen Westinghouse with regard to technology leadership development.

Previously, Ken served as director, Engineering, for Electric Power Research Institute (EPRI). While at EPRI, he turned industry needs into compelling research and development plans. These plans resulted in solutions to improve the safety and performance of the global nuclear fleet.

Prior to his work at EPRI, Ken was responsible for risk applications at Data Systems and Solutions, ERIN Engineering and Research, and GPU Nuclear. He also was a safety analysis engineer with Davis-Besse Nuclear Power Station in Ohio (USA).

Canavan has a bachelor's degree in chemical engineering, with a nuclear engineering minor, from Manhattan College, New York.

SPEAKER THREE: Nuclear Energy in a Clean Energy Future



King Lee, Director, Harmony Programme, World Nuclear Association

Nuclear energy has a vital role to play in the global Clean Energy Future. To meet the growing demand for reliable, affordable and clean electricity we will need all lowcarbon energy sources to work together as part of a diverse 24/7 mix.

The nuclear industry has developed a Harmony goal to provide 25% of the global electricity supplied by nuclear energy in 2050, resulting in a tripling of nuclear generation from its present level. This would require the construction of around 1000 GW of new nuclear capacity.

There are several barriers standing in the way of achieving the Harmony goal. The Harmony programme set out three objectives to overcome these challenges. Firstly, we should establish a level playing field in energy markets which drives investment in future clean energy. Secondly, we need to ensure harmonized regulatory processes to provide a more internationally consistent, efficient and predictable nuclear licensing regime, to facilitate significant growth of nuclear capacity and timely licensing of innovative designs. Thirdly we should create an effective safety paradigm focusing on genuine public wellbeing, where the health, environmental and safety benefits of nuclear are better understood and valued when compared with other energy sources.

Harmony and other international initiatives are essential to ensure high level multilateral dialogue and engagement of policy makers on the role of nuclear energy, working with renewables, as part of the clean energy future.

King Lee is the Director of Harmony Programme at the World Nuclear Association leading the Harmony Programme, the nuclear industry's vision for the future of electricity. In this role Mr Lee heads a team promoting nuclear energy by working with the nuclear community and engaging with key stakeholders and policy makers for nuclear energy to play a crucial part in meeting the global energy challenge

Previously, Mr Lee was Head of Nuclear Development at Lloyd's Register, where he led strategic business development and provided technical and commercial oversight to major nuclear projects in UK, China, Korea and UAE. This includes advising governments and industry leaders on regulatory and safety issues concerning the challenges for the nuclear industry.

Mr Lee is a member of the Nuclear Energy Agency (NEA) Nuclear Innovation 2050 Advisory Panel.

SPEAKER FOUR:

Hitachi-GE's Challenges to Continuous Supply of Advanced Nuclear Technology



Yasunori Inada, General Manager, Hitachi-GE Nuclear Energy, Japan

Hitachi-GE has manufactured key nuclear components and constructed nuclear power plants for over fifty years. Current focused activities are 1) Safety enhancement and licensing for restart of existing nuclear power plants,

- 2) Recovery of Fukushima Daiichi Nuclear Power Station,
- 3) Decommissioning, 4) Fuel cycle, and 5) Construction projects of nuclear power plants including UK ABWR. In this presentation, summaries of these activities and the current status of HORIZON project are introduced. For the success of these projects, advanced technologies and skilled craft workers are keys. Examples of activities related to these keys are also shared in this presentation. In addition, Hitachi-GE's vision for future plants is shared.

Yasunori Inada has obtained a master's degree in Precision Mechanical Engineering from Tohoku University. He joined Hitachi, Ltd in1992 and currently holds the position of General Manager of the Nuclear Power Business Development and Management Division

10:00 - 10:30

Chablis Suite, Ground Floor

POSTER SESSIONS & **COFFEE BREAK**

10:30 - 12:30

TECHNICAL SESSIONS

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-3 **Reactor Physics: Monte Carlo Methods and Calculations I**

Tuesday July 24

Room Reims | 10:30 - 12:30

Session Chair: Paul K. Chan, Royal Military College of Canada, Canada

Development of a Spatial Domain Decomposition Scheme for Monte Carlo Neutron Transport ICONE26-82144

Manuel Garcia¹ Diego Ferraro¹ Victor Hugo Sanchez Espinoza¹ Luigi Mercatali¹ Jaakko Leppänen² Ville Valtavirta²

- 1. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany;
- 2. VTT Technical Research Centre of Finland, Espoo, Finland

A Monte Carlo Method for Simulating Stochastic Neutron Fields in Criticality Transients ICONE26-81595

Qi Xu, Zhe Wang, Gang Xiao IAPCM, Beijing, China

One Step Method for Multigroup Adjoint Neutron Flux through **Continuous Energy Monte Carlo Calculation ICONE26-82185**

Xiaotong Shang, Guanlin Shi, Kan Wang Tsinghua University, Beijing, China

Foreseen Capabilities, Bottlenecks Identification and Potential Limitations of Serpent MC Transport Code in Large-scale Full 3-D **Burnup Calculations ICONE26-82305**

Diego Ferraro¹ Manuel Garcia¹ Luigi Mercatali¹

Victor Hugo Sanchez Espinoza¹ Jaakko Leppänen² Ville Valtavirta²

- 1. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany;
- 2. VTT Technical Research Centre of Finland, Espoo, Finland

Research on Coupling Scheme of Monte Carlo Burnup Calculation

in RMC ICONE26-81140

Wanlin Li, Kan Wang, Ganglin Yu, Yaodong Li Tsinghua University, Beijing, China

Internal Coupling between Neutronics and Thermal-Hydraulics with RMC/CTF and Validation using VERA Benchmarks

ICONE26-82397

Kaiwen Li, Shichang Liu, Juanjuan Guo, Kan Wang Tsinghua University, Beijing, China

Nuclear Fuel and Material, Reactor Physics and Transport Theory

Nuclear Fuel Safety and Performance 2-6 **Analysis IV**

Tuesday July 24

Room Cognac | 10:30 - 12:30

Session Chair: Paul K. Chan, Royal Military College of Canada, Canada

Fuel Cycle Economy of Accident Tolerant Fuel Assemblies

ICONE26-81384

Duoting Xu, Tong Liu, Heng Huang

China Nuclear Power Technology Research Institute Co., Ltd, Chengdu, China

Greatly Enhanced Thermal Conductivity of Fully Inert Matrix Dispersion Pellet (IMDP) Produced by Spark Plasma Sintering (SPS) Technique ICONE26-82536

Zhaodandan Ma1 Tong Liu2 Rui Li1 Maozhou Sun1 Zhiwei Lu1

- 1. China Nuclear Power Technology Research Institute, Shenzhen, China;
- 2. China Nuclear Power Technology Research Institute Co., Ltd, Chengdu, China

Preliminary Study on Thermal Performance of Inert Matrix Disperse Pellet using FEA Method ICONE26-82191

Zhiwei Lu¹ Yun Li² Yongdong Zhang³ Lei Li¹ Zhaodandan Ma⁴ Tong Liu⁵

- 1. China Nuclear Power Technology Research Institute, Shenzhen, China;
- 2. CGN, Chengdu, China; 3. CGN, Shenzhen, China; 4. China General Nuclear Power Technique, Shenzhen, China; 5. China Nuclear Power Technology Research Institute Co., Ltd. Chenadu, China

Effect of AL203 and SIC Content in Pack Cementation Powders on the Microstructure of SIC Coatings on HTR Graphite Spheres

ICONF26-81174

Hongsheng Zhao, Ping Zhou, Ziqiang Li, Xiaoxue Liu, Kaihong Zhang, Taowei Wang, Bin Wu, Bing Liu

Tsinghua University, Beijing, China

Severe Accident Analysis for Reactor Core Applying SiC to Fuel Claddings and Channel Boxes ICONE26-81923

Hideki Horie¹ Yutaka Takeuchi¹ Kenya Takiwaki¹

Fumie Sebe² Kazuo Kakiuchi³ Hisaki Sato¹

- 1. Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan;
- 2. Toshiba Corporation, Yokohama, Japan; 3. Toshiba, Yokohama, Japan

Experimental and Theoretical Investigation of Ignition Temperature and Vapor Explosion of the Aluminum-Water

Reaction ICONE26-82077

Paul O. Biney1 Kevin Lee2

1. Prairie View A&M University, Mechanical Engineering Dept., Prairie View, TX, USA; 2. Prairie View A&M University, Prairie View, TX, USA

Plant Systems, Structures, Components and Materials

3-8 **High Temperature Components I**

Tuesday July 24

Room Chalon | 10:30 - 12:30

Session Chair: Brahim Nadri, Engineering Analysis Services Limited, UK

The Influence of Thermal Deformation on the Dynamic Characteristics of AMB Rotor of HTR-PM Helium Blower

ICONF26-81132

Guowei Du, Jinpeng Yu, Hong Wang, Lei Zhao Tsinghua University, Beijing, China

A Structural Integrity Assessment of a Nuclear Boiler Superheater **Bifurcation at High Temperature ICONE26-81167**

Brahim Nadri, Robert Wang

Engineering Analysis Services Limited, Altrincham, United Kingdom

Research on Structural Design and Analysis of S-CO.

Turbine Impeller ICONE26-81267

Jun Wu, Can Ma, Chunhui Dai, Zhenxing Zhao, Lu Dai, Zhouyang Liu Wuhan Second Ship Design and Research Institute, Wuhan, China

Research About the Uniform Field Breakdown Strength of Helium Gas at High Temperature and Pressure in Millimeter-Scale Gaps

ICONE26-81293

Qi You, Zhengang Shi, Xingnan Liu, Xunshi Yan, Guojun Yang Tsinghua University, Beijing, China

Research on Auxiliary Bearing Structure with Buffer Shim based on LS-DYNA for Helium Circulator of HTR-10 ICONE26-81304

Guojun Yang, Zhe Sun, Xingnan Liu, Zhengang Shi Tsinghua University, Beijing, China

Finite Element Analysis of AMB Eddy-Current Loss in HTR-PM **Primary Helium Circulator ICONE26-81375**

Jinpeng Yu, yan Zhou, Mo Ni, Guojun Yang, Lei Zhao Tsinghua University, Beijing, China

Advanced Reactors and Fusion Technologies

5-5 **Fusion Technology II**

Tuesday July 24

Room Bourg | 10:30 - 12:30

Session Chair: Hong Yu, Chinese Institute of Atomic Energy, China

Session Co-Chair: Mauro Cappelli, ENEA, Italy

Conceptual Design of the Water Cooled Breeder Blanket for Both Phases of CFETR ICONE26-81816

Songlin Liu, Xuebin Ma, Kecheng Jiang, Min Li, Xiaokang Zhang Institute of Plasma Physics, Chinese Academy of Sciences, Hefei, China

The First CNS Commissioning Tests with Filling Deuterium with Reactor Power Operation in CARR ICONE26-82341

Jianlong Li

Chinese Institute of Atomic Energy, Beijing, China

The Characteristics Study of Helium-Xenon Mixture in Closed **Brayton Cycle for Space Nuclear Reactor Power ICONE26-82220**

Xie Yang, Lei Shi

Tsinghua University, Beijing, China

Recent Research Progress of CLF-1 Steel ICONE26-82119

Hongbin Liao

Southwestern Institute of Physics, Chengdu, China

Conceptual Design and Neutronics/Thermal-Hydraulic Coupling **Optimization Analyses of Two Typical Helium Cooled Solid Breeder Blanket Modules for CFETR Phase II** ICONE26-81539

Shijie Cui¹ Dalin Zhang¹ Wenxi Tian¹ Guanghui Su¹ Suizheng Qiu² 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

First Principles Studies of Diffusion Behaviors of Tritium in HTR-PM Materials: from Framework to Preliminary Result

ICONF26-81481

Chao Fang1 Wenyi Wang2 Hongyu Chen2 Chuan Li2

1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Codes, Standards, Licensing, and Regulatory **Issues**

7-3 **New Methodology for Codes and Standards**

Tuesday July 24

Room Epernay | 10:30 - 12:30

Session Chair: Claude Faidy, AFCEN-CF Integrity Engineering, France

New Needs of Fracture Mechanic Analysis at Design and Operation Level: Status of French Nuclear Mechanical Codes

ICONE26-81096

Claude Faidy

AFCEN-CF Integrity Engineering, Tassin, France

Effect of Rolling Motion on Flow Instability of Parallel **Rectangular Channels of Natural Circulation ICONE26-81849**

Xiaoyan Wang1 Siyang Huang1 Wenxi Tian1

Lie Chen1 Suizheng Qiu2 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Study on Supervision Mode of Floating Nuclear Power Plant with Small Modular Reactor ICONE26-82138

Lei Wan, Guiyong Li, Min Rui, Yong Kang Liu, Jue Yang China Nuclear Power Technology Research Institute, Shenzhen, China

Development of a Standard for Fusion Needs: Example of Introduction of Eurofer in RCC-MRx ICONE26-82337

Jorge Enrique Muñoz Garcia¹ pierre Lamagnere²

Thierry Lebarbe³ Cécile Petesch⁴ Yves Lejeail⁵

1. French Alternative Energies and Atomic Energy Commission, Gif sur Yvette, France; 2. CEA Cadarache, Saint Paul Lez Durance, France; 3. CEA, Gif Sur Yvette, France; 4. CEA Saclay, Gif sur Yvette, France; 5. French Alternative Energies and Atomic Energy Commission, Saint Paul Lez Durance, France

Main Evolutions of the RCC-C Design and Construction Code for Fuel Assemblies since 2015 ICONE26-81436

Marc Ton-That1 Christine Vauglin2 Gilbert Trillon3

1. EDF, Lyon, France; 2. AREVA NP, Lyon, France; 3. EDF, Saint Denis, France

Thermal-Hydraulics and Safety Analyses

Supercritical Fluids I 8-2

Tuesday July 24

Room Bouzy | 10:30 - 12:30

Session Chair: Wenxi Tian, Xi'an Jiaotong University, China

Numerical Study of Deteriorated Convection Heat Transfer of Supercritical Fluid Flowing through Vertical Mini Tube at Relatively Low Reynolds Numbers ICONE26-81012

Chenru Zhao¹ Zhen Zhanq¹ Qianfeng Liu² HanLiang Bo¹ Peixue Jianq¹ 1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Experimental Study of Supercritical CO2 Critical Flow through

Short Tubes ICONE26-81075

Yuan Zhou1 Xing Fan1 Yangle Wang1 Jingtan Chen1 Yanping Huang² Junfeng Wang²

1. Sichuan University, Chengdu, China;

2. Nuclear Power Institute of China, Chengdu, China

Analytical Study of Supercritical Water Flow in Two Heated Parallel Channels with Wall Heat Effects ICONE26-81150

Dhanashree Ghadge, Vijay Chatoorgoon University of Manitoba, Winnipeg, MB, Canada

Numerical Investigation on Maldistribution of Supercritical CO, Flow inside Printed Circuit Heat Exchanger ICONE26-81266

Qi Xiao¹ Hanbing Ke² Yongquan Li² Zhenxing Zhao¹ Meng-Ran Liao² 1. Wuhan Second Ship Design and Research Institute, Wuhan, China; 2. Key Lab. on Steam Power System, Wuhan Second Ship Des. & Res. Ins., Wuhan, China

Numerical Investigation on Conjugate Heat Transfer of Supercritical CO₂ in Rolling Motion ICONE26-81332

Zhenxing Zhao¹ Meng-Ran Liao² Yong Liu¹ Qi Xiao¹

XingSheng Lao1 Jun Wu1 Wei Wang1

1. Wuhan Second Ship Design and Research Institute, Wuhan, China; 2. Key Lab. on Steam Power System, Wuhan Second Ship Des. & Res. Ins., Wuhan, China

Computational Fluid Dynamics (CFD)

9-1 **Vibration Analysis**

Tuesday July 24

Room Alsace | 10:30 - 12:30

Session Chair: Afague Shams, Nuclear Research and Consultancy Group, Netherlands

Session Co-Chair: Junjie Dang, China Nuclear Power Engineering Co.,LTD,

Session Co-Chair: Junrong Wang, Wuhan 2nd Ship Design and Research Institute, China

Study on Flow Induced Vibration Analysis and Evaluation for Heat Transfer Tube of Steam Generator in Two Phase Flow

ICONE26-81537

Xuan Huang, Huan-huan Qi, FengChun Cai, Zhi-peng Feng, Shuai Liu, Qian Huang

Nuclear Power Institute of China, Chengdu, China

Study on Dynamic Characteristics and Flow Induced Vibration of **Tube Bundles based on the Fluid Structure Coupling Method**

ICONE26-81342

Zhi-peng Feng, Qian Huang, FengChun Cai, Xi Iv, Shuai Liu, Xiaozhou jiang Nuclear Power Institute of China, Chengdu, China

CFD Numerical Simulation of Water Hammer in a Vortex Diode

Junrong Wang¹ Zhiguo Wei¹ Jinlan Gou¹ Qi Xiao¹ Shao Dan Li¹ Yong Li²

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Key Lab. on Steam Power System, Wuhan Second Ship Design and Research Institute, Wuhan, China

Seismic Analysis and Design of HPR1000 Degassing Tower Liquid Cooler ICONE26-82609

Junjie Dang¹ Wenmo Li² Chunming Wang¹ Xingling Tang¹

1. China Nuclear Power Engineering Co., Ltd., Beijing, China; 2. SPIC China Power Complete Equipment Co., LTD, Beijing, China

Computational Fluid Dynamics (CFD)

Thermal Mixing I

Tuesday July 24

Room Muscadet | 10:30 - 12:30

Session Chair: Afaque Shams, Nuclear Research and Consultancy Group, Netherlands

Session Co-Chair: Ivan Di Piazza, ENEA C.R. Brasimone, Italy

Session Co-Chair: Xiaomeng Dong, Harbin Engineering University, China

Synthesis of a CFD Benchmark for the Thermal Mixing in a Sharp Corner T-Junction with a Wall ICONE26-81024

Afaque Shams1 Nicolas Edh2 Kristian Angele3

- 1. Nuclear Research and Consultancy Group (NRG), Petten, Netherlands;
- 2. Forsmarks Kraftgrupp AB, Östhammar, Sweden; 3. Vattenfall AB, Solna, Sweden

Design of a Closely Spaced Rod Bundle for a Reference Direct **Numerical Simulation ICONE26-81049**

Afaque Shams1 Tomasz Kwiatkowski2

- 1. Nuclear Research and Consultancy Group (NRG), Petten, Netherlands;
- 2. National Center for Nuclear Research, Otwock, Swierk, Poland

Numerical Investigation of the Effect of Spacer Grid and Mixing Vane on the Critical Heat Flux in Rod Bundle Channel

ICONF26-81284

Xiaomeng Dong, Guangliang Chen, Zhijian Zhang, Zhaofei Tian, Lei Li Harbin Engineering University, Harbin, China

Post-Test CFD Analysis of Non-Uniformly Heated 19-Pin Fuel Bundle Cooled by HLM ICONE26-81307

Ranieri Marinari¹ Ivan Di Piazza² Morena Angelucci¹ Daniele Martelli³

- 1. University of Pisa, Pisa, Italy; 2. ENEA C.R. Brasimone, Camugnano, Italy;
- 3. University of Pisa Dipartimento di Ingegneria Civile ed Industriale (DICI), Pisa,

Analysis on Flow Behavior in the Plenum of RPV of PWR

ICONE26-81547

Lei Huang¹ Lu-lu Hao² Hong Chen² Jun Feng Xue² Lili Tong¹

1. Shanghai Jiao Tong University, Shanghai, China; 2. Fujian Fuqing Nuclear Power Co., Ltd., Fuging, China

Computational Fluid Dynamics (CFD)

9-8 **Turbulent and Transient Flow**

Tuesday July 24

Room Cremant | 10:30 - 12:30

Session Chair: Riccardo Puragliesi, Paul Scherrer Institut / Laboratory for Reactor Physics and Systems Behaviour, Switzerland

Session Co-Chair: Naoyuki Onodera, Japan Atomic Energy Agency, Japan

Session Co-Chair: Youyou Xu, Institute of Plasma Physics, Chinese Academy of Sciences. China

Large Eddy Simulation of 5-Tube Bundle Helical Coil Steam

Generator Test Section ICONE26-82382

Mustafa A. Yildiz¹ Elia Merzari² Yassin Hassan¹

- 1. Texas A&M University, College Station, TX, USA;
- 2. Argonne National Laboratory, Lemont, IL, USA

Assessment of Turbulence Models against Supercritical Hydrogen Flows in a Straight Tube ICONE26-82235

Zhipeng Wang, Yu Ji, Jun Sun, Lei Shi

Tsinghua University, Beijing, China

Computational Fluid Dynamics as a Tool for Deriving Subchannel Model Parameters: The PSBT Case Study ICONE26-81743

Riccardo Puragliesi1 Roman Mukin2 Ivor Clifford2

Hakim Ferroukhi1 Marcus Seidl3

- 1. Paul Scherrer Institut / Laboratory for Reactor Physics and Systems
- Behaviour, Villigen, Switzerland; 2. Paul Scherrrer Institute, Villigen, Switzerland;
- 3. PreussenElektra GmbH (former E.ON Kernkraft GmbH), Hannover, Germany

Acceleration of Plume Dispersion Simulation using Locally Mesh-Refined Lattice Boltzmann Method ICONE26-82145

Naoyuki Onodera, Yasuhiro Idomura

Japan Atomic Energy Agency, Chiba, Japan

CFD Modelling of Loss of Vacuum Accident (LOVA) for CFETR

ICONE26-81970

Youyou Xu, Songlin Liu, Xiaoman Cheng, Xuebin Ma

Institute of Plasma Physics, Chinese Academy of Sciences, Hefei, China

Student Paper Competition

16-1 Advanced Reactors and Fusion Technologies

Tuesday July 24

Room Talbot | 10:30 - 12:30

Session Chair: Lorenzo Basili, DICI - University of Pisa, Italy

Session Co-Chair: Paul Wrigley, University of Derby, United Kingdom

Preliminary Design Considerations of He-Xe Mixture Cooled Space Nuclear Reactor ICONE26-81226

Tao Meng, Sichao Tan, Yuhao He, Kun Cheng, Dongdong Yuan Harbin Engineering University, Harbin, China

CFD Thermal Analysis of ITER Pressure Suppression Tanks

ICONE26-82550

Lorenzo Basili1 Rosa Lo Frano1 Marco Olcese2

Igor Sekachev² Donato Aquaro³

1. DICI-University of Pisa, Pisa, Italy; 2. ITER Organization, St Paul lez Durance, France; 3. UNIPI-DICI, Pisa, Italy

Multi-Fluid Gas Turbine Components Scaling for a Generation IV Nuclear Power Plant Performance Simulation ICONE26-82373

Emmanuel O. Osigwe¹ Arnold Gad-Briggs² Pericles Pilidis¹

Theoklis Nikolaidis1 Suresh Sampath1

1. Cranfield University, Bedford, United Kingdom; 2. Cranfield University & EGB Engineering UK, Cheshire, United Kingdom

Design for Plant Modularisation: Nuclear and SMR ICONE26-81760 Paul Wrigley¹ Paul Wood¹ Paul Stewart¹ Richard Hall¹ Dan Robertson²

- 1. University of Derby, Derby, United Kingdom;
- 2. Rolls-Royce, Derby, United Kingdom

Expected Accuracy Range of Cost Estimates for Small Modular Reactors at the Early Concept Design Stage ICONE26-81799

Amritpal Agar¹ Andy J Fry² Martin J. Goodfellow²

Yee Mey Goh¹ Linda Newnes³

1. Loughborough University, Leicestershire, United Kingdom; 2. Rolls-Royce, Derbyshire, United Kingdom; 3. University of Bath, Bath, United Kingdom

Student Paper Competition

16-5 Nuclear Components, Nuclear Waste and Radiation II

Tuesday July 24

Room Lalande | 10:30 - 12:30

Session Chair: Christina Petlowany, The University of Texas at Austin, USA Session Co-Chair: Indarta Kuncoro Aji, Dept. of Mechanical Engineering and Intelligent Systems, The University of Electro-Communications, Japan

Dose Minimization Game for Smartphones ICONE26-82450

Nolan Stelter, Arnav Das, Zahra Hanifah, Rizwan Uddin

University of Illinois, Urbana, IL, USA

Cyclic Plasticity Behavior of 90° Back-to-Back Pipe Bends under Cyclic Bending and Steady Pressure ICONE26-82386

Nak-Kyun Cho, Haofeng Chen

University of Strathclyde, Glasgow, United Kingdom

Virtual Fixture Augmentation of Operator Selection of Non-Contact Material Reduction Task Paths ICONE26-82398

Andrew Sharp, Christina Petlowany, Mitch Pryor The University of Texas at Austin, Austin, TX, USA

An Experimental Study on Freeze Valve Performance in a Molten

Salt Reactor ICONE26-81679

Indarta Kuncoro Aji¹ Tokushima Tatsuya¹

Motoyasu Kinoshita² Tomio Okawa³

1. Dept. of Mechanical Engineering and Intelligent Systems, The University of Electro-Communications, Tokyo, Japan; 2. Research into Artifacts, Center for Engineering, The University of Tokyo, Chiba, Japan; 3. The University of Electro-Communications, Tokyo, Japan

Electrochemical Measurement of Radio-Activated Metal under High Temperature Condition ICONE26-81727

Ryota Taguchi¹ Tomonori Ihara¹ Tatsuya Hazuku¹

Tomoii Takamasa1 Sho Kano2 Hiroaki Abe2

1. Tokyo University of Marine Science and Technology, Tokyo, Japan; 2. The University of Tokyo, Ibaraki, Japan

Inlet Passageway Optimization of Immediate Heat Exchanger in an HTGR ICONE26-81801

Jingdan Cui¹ Kun Yuan² Qi Sun² Wei Peng² Jie Wang³

1. Institute of Nuclear and New Energy Technology, Beijing, China; 2. Tsinghua University, Beijing, China; 3. INET, Tsinghua University, Beijing, China

Student Paper Competition

16-10 Nuclear Fuels and Materials II

Tuesday July 24

Room Fronsac | 10:30 - 12:30

Session Chair: Rachel Connick, MIT, USA

Session Co-Chair: Ahmed Aly, North Carolina State University, USA

Multiphysics Analysis of CMC Silicon Carbide and Zircaloy Cladding ICONE26-81464

Muhammad Altahhan¹ Noah McFerran² Jonathan Morrell³ Maria Avramova⁴
1. Nuclear Engineering Department, NCSU, Raleigh, NC, USA; 2. University of Florida, Gainesville, FL, USA; 3. Massachusetts Institute of Technology, Boston, MA, USA; 4. North Carolina State University, Raleigh, NC, USA

Particle Release during Laser Decontamination of Concrete

Surfaces ICONE26-81578

Torsten Kahl, Georg Greifzu, Marion Herrmann,

Wolfgang Lippmann, Antonio Hurtado

Technische Universität, Dresden, Germany

Measuring Effects of Radiation on Precipitates in Aluminum 7075-T6 using Differential Scanning Calorimetry ICONE26-82457

Rachel Connick, Charles Hirst, Penghui Cao,

Kangpyo So, R. Scott Kemp, Michael Short

Massachusetts Institute of Technology, Cambridge, MA, USA

Evaluation of the Mixing Vanes Effect on the Hydrogen Diffusion and Hydride Formation in the Fuel Cladding ICONE26-82431

Ahmed Aly¹ Victor Petrov² Maria Avramova¹

Annalisa Manera² Kostadin Ivanov¹

- 1. North Carolina State University, Raleigh, NC, USA;
- 2. University of Michigan, Ann Arbor, MI, USA

Stress Monitoring of Sealing Materials in Electrical Penetration Assemblies ICONE26-82165

Zhichun Fan, Mingze Li, Feng Chen, Zhiyong Huang, He Yan Tsinghua University, Beijing, China

Student Paper Competition

16-17 Thermalhydraulics IV

Tuesday July 24

Room Mouton Cadet | 10:30 - 12:30

Session Chair: Sarah Morgan, Virginia Commonwealth University, USA Session Co-Chair: Jiawei Bian, Xi'an Jiaotong University, China

Experimental Study on Spray Pattern of Pressure-Swirl Nozzle in Reactor Containment ICONE26-81505

Jiawei Bian¹ Dalin Zhang¹ Rulei Sun¹ Yingwei Wu¹

Wenxi Tian1 Guanghui Su1 Suizheng Qiu2

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Flow and Temperature Fields Measurement inside Rod Bundle by the Combined Use of PIV and LIF Technique ICONE26-81526

Li Xing, Sichao Tan, Zhengpeng Mi, Pei Yao Qi, Yunlong Huang Harbin Engineering University, Harbin, China

Validation of a Code and Effect of Turbulence Model on Predicting Thermal Stratification Phenomena in the Upper Plenum of SFR

ICONE26-81551

Shibao Wang¹ Dalin Zhang¹ Chenglong Wang¹ Ping Song¹ Jing Chen1 Suizheng Qiu2 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Thermal Stratification Modeling for Sodium-Cooled Fast

Reactors: A Status Update ICONE26-82364

Sarah Morgan¹ Sama Bilbao y Leon¹ Matthew Bucknor² Mark Anderson³ Emilio Baglietto⁴ James Schneider³ Matthew Weathered³ Liangyu Xu⁴

1. Virginia Commonwealth University, Richmond, VA, USA; 2. Argonne National Laboratory, Lemont, IL, USA; 3. University of Wisconsin, Madison, WI, USA; 4. Massachusetts Institute of Technology, Cambridge, MA, USA

Penetration Behavior of Liquid Jet Falling into a Shallow Pool

Fumihito Kimura¹ Hiroyuki Yoshida² Akiko Kaneko³ Yutaka Abe³ 1. Tsukuba University, Tsukuba, Japan; 2. Japan Atomic Energy Agency, Tokai-mura, Japan; 3. University of Tsukuba, Tsukuba, Japan

Rewetting Analysis of Hot Moving Surface by Round Water Jet Impingement ICONE26-81673

Avadhesh Kumar Sharma, Mayank Modak, Santosh Kumar Sahu Indian Institute of Technology Indore, Indore, MP, India

12:30 - 14:00

Chablis Suite, Ground Floor

LUNCH

14:00 - 16:00

PANEL SESSIONS

See pages 19 through 23 for panel session details.

16:00 - 16:30

Chablis Suite, Ground Floor

POSTER SESSION & COFFEE BREAK

16:30 - 18:30

TECHNICAL SESSIONS

Operations & Maintenance, Engineering, Modifications, Life extension, Life Cycle and Balance of Plant

1-2 **Equipment Reliability**

Tuesday July 24

Room Reims | 16:30 - 18:30

Session Chair: Judith Carol Westphal, BEA, USA

Comprehensive Analysis of Main Feedwater Isolation Improvement in Tianwan NPP ICONE26-81172

Wang Cuiyun, Pi Yue, Zhao Jiaming

China Nuclear Power Engineering Co., Ltd., Beijing, China

Reliability Evaluation for Steam Generator in a Sodium-Cooled

Fast Reactor ICONE26-81183

Yi Huang¹ Zhang Tian-yi¹ Wang Jun¹ Yuan Yu-chen¹ Dong Xin²

- 1. China Institute of Atomic Energy, Beijing, China;
- 2. Dongfang Electric, Chengdu, China

Research on Gamma Camera Imaging Characteristics ICONE26-81936

Quanhu Zhang1 Wenming Zuo2 Sufen Li2

Suxia Hou¹ Lin Zhuang² Wenheng Zhou²

1. Xi'an High-tech Research Institute, Xi'an, China; 2. Xi'an institute of High Tech Research, Xi'an, China

On the use of Robust Command Shaping for Vibration Reduction during Remote Handling of Large Components in Tokamak

Devices ICONE26-82346

Stanislao Grazioso, Giuseppe Di Gironimo

University of Naples Federico II, Napoli, Italy

Replacement of a Hot Cell Window at the Hot Fuel Examination

Facility ICONE26-82422

Judith Carol Westphal¹ Ronald Johansen² J. D. Kelly¹

1. BEA, Idaho Falls, ID, USA; 2. Inl/battelle Energy Alliance, Idaho Falls, ID, USA

A Non-Contact Ultrasonic Sensor for General Corrosion

Inspection of Thin Plates ICONE26-82560

Akinori Tamura¹ Masahiro Miki¹ Naoyuki Kono¹

Hiroshi Okazawa2 Shinobu Okido2 Chenghuan Zhong3

Erik Fabre³ Anthony J. Croxford⁴ Paul D. Wilcox⁴

- 1. Hitachi Ltd., Hitachi, Japan; 2. Hitachi-GE Nuclear Energy Ltd., Hitachi, Japan;
- 3. Inductosense, Bristol, United Kingdom;
- 4. University of Bristol, Bristol, United Kingdom

Plant Systems, Structures, Components and Materials

3-9 **High Temperature Components II**

Tuesday July 24

Room Chalon | 16:30 - 18:30

Session Chair: Jinhua Wang, Tsinghua University, China

Filtration Technology Research of Graphite Dust produced in Spent Fuel Transportation Process in HTR-PM ICONE26-81022

Jinhua Wang, Bing Wang, Bin Wu, Yue Li, Haitao Wang

Tsinghua University, Beijing, China

Design of the Important Area Airborne Radioactivity Monitoring System and Calculation of the Alarm Threshold of HTR-PM

ICONF26-81232

Wenqian Li1 Chuan Li2 Jianzhu Cao2 Feng Xie2

1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Super Critical Carbon Dioxide Bravton Cycle Based Heat Removal System in Nuclear Power Plants ICONE26-81986

Shuhong Wei, Hua Zheng

China Nuclear Power Design Co., Ltd. (Shenzhen), Shenzhen, China

The Influences of Arc Radius to the Failure Load of Graphite Component ICONE26-82128

Can Zhang, Zhoutong He, Y.T. Gao

Shanghai Institute of Applied Physics, Shanghai, China

Creep Deformation Analysis of a Pipe Specimen based on Creep **Damage Evaluation Method ICONE26-82568**

Jinya Katsuyama¹ Yoshihito Yamaguchi² Yinsheng Li¹

1. Japan Atomic Energy Agency, Ibaraki, Japan; 2. Japan Atomic Energy Agency, Tokai-mura, Japan

Influence Factors on Moisture Absorption Process of Carbon Material in HTGR ICONE26-81412

Jun Li, Huaqiang Yin, Xuedong He Tsinghua University, Beijing, China

Instrumentation and Control (I&C) and **Influence of Human Factors**

Control of SMR and Advanced Reactors 4-4

Tuesday July 24

Room Cognac | 16:30 - 18:30

Session Chair: Mauro Cappelli, ENEA, Italy

Session Co-Chair: Jie Huang, China Ship Development and Design Center,

Design of Decoupled Mechanical Shim Control System for a Generation III+ Pressurized Water Reactor based on Feedforward Compensation and Multimodel Approach ICONE26-81142

Pengfei Wang, Xinyu Wei, Fuyu Zhao Xi'an Jiao Tong University, Xi'an, China

Coordinated Control of a Small Pressurized Water Reactor

ICONE26-81156

Peiwei Sun¹ Chong Wang²

- 1. Xi'an Jiao Tong University, Xi'an, China;
- 2. China Institute of Atomic Energy, Beijing, China

Analysis of the Alarm Generation and Display for the Reactor Accidents in HTR-PM ICONE26-82483

Chao Guo, Shuqiao Zhou, Duo Li, Xiaojin Huang

Tsinghua University, Beijing, China

Dynamic Model of a Seawater Desalination Plant based on the **Nuclear Heating Reactor and MED-TVC ICONE26-82556**

Zhe Dong, Yifei Pan

Tsinghua University, Beijing, China

Verification of Alarm Displays for the Nuclear Power Plant with Two Modular High-Temperature Gas-Cooled

Reactors ICONE26-82561

Qianqian Jia1 Chao Guo1 Jianghai Li2 Ronghong Qu1

1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Reliability Index Assessment for Digital Instrumentation and **Control Systems of High Temperature Gas-Cooled Reactors**

ICONF26-82636

Wei Wang¹ Jiejuan Tong² Jun Zhao³

- 1. Politecnico di Milano, Milano, Italy; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China;
- 3. Tsinghua University, Beijing, China

Nuclear Safety, Security, and Cyber Security

6-4 **Nuclear Accidents I**

Tuesday July 24

Room Alsace | 16:30 - 18:30

Session Chair: TBA

Research on Source Inversion for Nuclear Accidents based on Variational Data Assimilation with the Dispersion Model Error

Yun Liu1 Xinjian Liu1 Hong Li2 Sheng Fang2 Yawei Mao1 Jingyuan Qu2 1. China Nuclear Power Engineering Co., Ltd., Beijing, China; 2. Tsinghua University, Beijing, China

Comparison of Several Common Nuclear Accidents Consequences Prediction Models ICONE26-81268

Yuan Biao, Mei Xu, Xiaobing Geng, Wang Liangyu, Lijun Zhang Institute of NBC Defense, PLA Army, Beijing, China

Development of Hydrogen Treatment System in Severe Accident: Part 5 - Effect of Steam Flow on Performance of a Hydrogen **Treatment Unit with Metal Oxides ICONE26-81386**

Chikako lwaki1 Tsukasa Sugita2 Akira Yamada2

Motoshige Yagyu² Yoshiko Haruguchi² Masashi Tanabe³

1. Toshiba Energy Systems & Solutinos Corporation, Yokohama, Japan; 2. Toshiba Energy Systems & Solutions Corporation, Kawasaki, Japan; 3. Toshiba Corporation, Yokohama, Japan

Development of Hydrogen Treatment System in Severe Accident: Part 4 - Study of Fission Products and Steam Effect on Hydrogen

Treatment Characteristics ICONE26-81759

Akira Yamada1 Chikako Iwaki2 Motoshige Yagyu1

Yoshiko Haruguchi¹ Masashi Tanabe³ Tsukasa Sugita¹

- 1. Toshiba Energy Systems & Solutions Corporation, Kawasaki, Japan;
- 2. Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan;
- 3. Toshiba Corporation, Yokohama, Japan

Numerical Impact Simulation of Aircraft into Reinforced Concrete Walls with Different Thickness ICONE26-82616

Kazuma Hirosaka¹ Hidekazu Takazawa¹ Katsumasa Mivazaki¹ Norihide Tohyama² Hiroyuki Nouji² Naomi Matsumoto²

1. Hitachi Ltd, Hitachi-shi, Japan;

2. Hitachi-GE Nuclear Energy, Ltd., Hitachi-shi, Japan

Study on Factors Influencing the Diffusion and Migration of Radionuclide Offshore in Nuclear Power Plant

Accidents ICONE26-81865

Zichao Li, Zhou Tao, Xuemeng Qin, Amir Haider, Bing Li, Juan Chen North China Electric Power University, Beijing, China

Codes, Standards, Licensing, and Regulatory

7-4 The Importance of Codes and Standards

Tuesday July 24

Room **Epernay | 16:30 – 18:30**

Session Chair: Venesa Watson, Framatome GmbH, Germany

ASME Certification: Demand the Mark! ICONE26-82272

Jon Labrador¹ Paul Lang¹ Clayton Smith²

1. ASME, New York, NY, USA; 2. Smith Associates Consulting Group LLC, Simpsonville, SC, USA

Example of Graded and Lifecycle Phase-Specific Security Controls for Nuclear I&C and EPS Use Cases ICONE26-81601

Venesa Watson¹ Edita Bajramovic² Xinxin Lou³ Karl Waedt¹

- 1. Framatome GmbH, Erlangen, Germany;
- 2. Friedrich-Alexander-University Erlangen-Nuremberg, Erlangen, Germany;
- 3. Bielefeld University, Bielefeld, Germany

A Demonstration of Practical Elimination of Early or Large Fission Product Release for the UK ABWR Generic Design Assessment

ICONE26-82045

Ming Leang Ang¹ Hiromasa Chitose² Hirokawa Naoki³

Nuh Mohamud¹ Ryusuke Kimura²

1. Horizon Nuclear Power, Gloucester, United Kingdom; 2. Hitachi-GE Nuclear Energy, Ltd., Hitachi-shi, Japan; 3. Hitachi-GE Nuclear Energy, Ltd., Ibaraki-ken, Japan

Introduction to KEPIC Nuclear Quality Assurance Certification

Program ICONE26-82124

Jae Yoon Choi, Hyun Jae Joo, Lee Jong Eun, Myoungsung Sohn Korea Electric Association, Seoul, Korea

What is a "Known and Established" Standard? ICONE26-81901

Samuel Miranda

Independent Author, Silver Spring, MD, USA

The Quality Experience Feedback in Nuclear Fuel Manufacture

ICONE26-81374

MengYao Tong, Li FangGang

CNNC JianZhong Nuclear Fuel Co. Ltd., YiBin City, China

Thermal-Hydraulics and Safety Analyses

8-24 **Advanced Reactors**

Tuesday July 24

Room Talbot | 16:30 - 18:30

Session Chair: Francesco Di Lecce, Politecnico di Torino, Italy

CFD-Based Correlation for Forced Convection Heat Transfer in Circular Ducts of Internally Heated Molten Salts ICONE26-82507

Francesco Di Lecce¹ Antonio Cammi² Sandra Dulla¹

Carlo Fiorina³ Stefano Lorenzi² Piero Ravetto¹

- 1. Politecnico di Torino, Torino, Italy; 2. Politecnico di Milano, Milano, Italy;
- 3. École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

Numerical Study of Supersonic Film Cooling in Diverging Section of Nuclear Rocket Laval Nozzle ICONE26-81806

Xiaokai Sun¹ Ping Ye² Peixue Jiang¹ Wei Peng¹ Jie Wang²

1. Tsinghua University, Beijing, China; 2. INET, Tsinghua University, Beijing, China

A Computational Study of Strongly Heated Internal Hydrogen Flow under Non-Uniform Heat Flux ICONE26-82356

Yu Ji, Jun Sun, Lei Shi

Tsinghua University, Beijing, China

Sensitivity Analysis of the SBLOCA Induced Sever Accident for a Natural Circulation Small Modular Reactors ICONE26-82267

Longze Li¹ Yapei Zhang² Jue Wang¹ Guanghui Su²

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Xi'an Jiao Tong University, Xi'an, China

Simulation of Core Thermal Response during a Station Blackout Initiated Severe Accident in China Small Modular Reactor by

MELCOR ICONE26-82293

Shasha Yin¹ Suizheng Qiu² Wei Huang¹ Zhihui Chen¹ Ye Tian¹ Yajing Tian¹ 1. Nuclear Power Institute of China, Chengdu, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Computational Fluid Dynamics (CFD)

9-6 **Bubbles**

Tuesday July 24

Room Muscadet | 16:30 - 18:30

Session Chair: Yixiang Liao, Helmholtz-Zentrum, Germany

Session Co-Chair: Kei Ito, Kyoto University, Japan

Session Co-Chair: Mingjun Zhong, Nuclear Power Institute of China, China

Modeling of Submerged-Vortex Behavior Near Wall Boundary

ICONE26-82586

Kei Ito1 Toshiki Ezure2 Daisuke Ito1 Yasushi Saito1

1. Kyoto University, Kumatori, Japan; 2. Japan Atomic Energy Agency, Oarai, Japan

CFD Modelling of Flashing Instability in Natural Circulation Cooling Systems ICONE26-81787

Yixiang Liao1 Christoph Schuster2 Suqing Hu3 Dirk Lucas3

1. Helmholtz-Zentrum, Dresden, Germany; 2. Technische Universität Dresden, Dresden, Germany; 3. Helmholtz-Zentrum Dresden - Rossendorf, Dresden,

A More Consistent Formulation of Momentum Closures for **Turbulent Bubbly Flow in CFD ICONE26-82436**

Emilio Baglietto1 Brian Casel1 Nazar Lubchenko1

Ben Magolan¹ Rosemary Sugrue²

- 1. Massachusetts Institute of Technology, Cambridge, MA, USA;
- 2. Jensen Hughes, Rockville, MD, USA

A Multi-Fluid Model Coupled with Interface Tracking Method for Simulation of Liquid Jet Breakup ICONE26-82547

Mingjun Zhong¹ Yuan Zhou²

1. Nuclear Power Institute of China, Chengdu, China; 2. Sichuan University, Chengdu, China

Computational Fluid Dynamics (CFD)

9-7 Flow Through Complex Structures I

Tuesday July 24

Room Cremant | 16:30 - 18:30

Session Chair: Afaque Shams, Nuclear Research and Consultancy Group, Netherlands

Session Co-Chair: Matthew D. Eaton, Imperial College London, United Kinadom

Session Co-Chair: Elia Merzari, Argonne National Laboratory, USA

Assessments of Different Turbulence Models in Predicting the Performance of a Butterfly Valve ICONE26-82376

Yu Duan¹ Matthew D. Eaton¹ Michael J. Bluck¹ Christopher Jackson² 1. Imperial College London, London, United Kingdom; 2. Rolls-Royce, Derby, United Kingdom

Coupled Calculation on Fluid Structure Interaction in Plate-Type

Fuel Element ICONF26-82418

Yiqi Yu1 Elia Merzari1 Jerome Solberg2

1. Argonne National Laboratory, Lemont, IL, USA; 2. LLNL, Livermore, CA, USA

Partially Averaged Navier-Stokes Turbulence Modeling of Flow in 5x5 PWR Fuel Assembly with Spacer Grid ICONE26-82366

Giacomo Busco, Yassin Hassan

Texas A&M University, College Station, TX, USA

A Second Generation STRUCTure Resolving URANS Model for **Advanced Reactor Design Applications ICONE26-82435**

Emilio Baglietto, Michael Acton, Jinyong Feng, Liangyu Xu Massachusetts Institute of Technology, Cambridge, MA, USA

Numerical Simulation on the Flow through the Inlet Hole of Fuel Assembly in a Fast Reactor ICONE26-82605

Yu Wang, Daogang Lu, Yidan Han, Haiqi Qin, Dawen Zhong North China Electric Power University, Beijing, China

Decontamination & Decommissioning, Radiation Protection, and Waste Management

10-1 **Radiation Detection and Protection**

Tuesday July 24

Room Bourg | 16:30 - 18:30

Session Chair: Anthony Hechanova, Abu Dhabi Polytechnic, United Arab **Emirates**

Session Co-Chair: Yan Li, China Institute of Atomic Energy, China

Modeling of Cerenkov-based Fiber-Optic Gamma-Ray Radiation Sensor using Monte Carlo Simulation ICONE26-81754

Hwa Jeong Han, Byung Gi Park, Beom Kyu Kim, Ji Hye Park, Won Ki Kim Soonchunhyang University, Asan-si, Korea

Electric Field Simulation of Ionization Chamber used in Tritium Measurement in Tail Gas of Molten Salt Reactor ICONE26-82026

0 Qian, Guanghua Wang, Yu Huang, Youshi Zeng,

Guangliang Bao, Shengwei Wu, Wei Liu

Shanghai Institute of Applied Physics, Chinese Academy of Sciences, Shanghai, China

Buildup and Decay Analysis of Corrosion Products Activity in Primary Coolant Loop of AP-1000 ICONE26-81388

Fiaz Mahmood, Huasi Hu, Liangzhi Cao

School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

The Radiation Protection Design of PWR Spent Fuel Dry Storage Facility ICONE26-81552

Liming Huang, Shouhai Yang, Jie Liu

China General Nuclear Power Group, Shenzhen, China

Radiation Protection Calculation and Optimization for Shielding Design around the Refueling Pipelines of HTR-PM ICONE26-82581

Sheng Fang, Hong Li, Wengian Li

Tsinghua University, Beijing, China

Separation Area Head End Stack ICONE26-82707

John Ball¹ Chris Medlock²

1. Nuvia, Moor Row, United Kingdom; 2. Nuvia, Warrington, United Kingdom

Nuclear Education and Public Acceptance

Nuclear Education and Public Acceptance II

Tuesday July 24

Room Bouzy | 16:30 - 18:30

Session Chair: Yassin Hassan, Texas A&M University, USA

Session Co-Chair: Elia Merzari, Argonne National Laboratory, USA

The International Nuclear Management Academy ICONE26-81124 John Roberts

The University of Manchester, Manchester, United Kingdom

3D Immersive Display Application for Nuclear Education and Public Acceptance ICONE26-81161

B.L. Luk1 Miu Ling Lam1 Ting Hsuan Chen1 Jiyun Zhao1

Suet Man Tsui1 Ching-chang Chieng2

- 1. City University of Hong Kong, Kowloon, Hong Kong;
- 2. National Tsing Hua University, Hsinchu, Taiwan

The ENEN+ Project: Attracting, Retaining and Developing New **Nuclear Talents beyond Academic Curricula ICONE26-82612**

Leon Cizelj¹ Csilla Pesznyak² Behrooz Bazargan-Sabet³

Abdesselam Abdelouas4 Filip Tuomisto5

Michèle Coeck⁶ Pedro Dieguez Porras⁷

1. Jozef Stefan Institute, Liubliana, Slovenia: 2. Budapesti Müszaki és Gazdaságtudományi Egyetem, Budapest, Hungary; 3. École des Mines de Nancy, Nancy, France; 4. IMT Atlantique Bretagne-Pays de la Loire, Nantes, France; 5. Aalto University, Alto, Finland; 6. SCK CEN, Mol, Belgium; 7. ENEN Association, Gif sur Yvette, France

CORONA Academy - Nuclear Education and Training ICONE26-82661 Adela Klepáková

Centrum výzkumu Rež s.r.o., Husinec - Rez, Czech Republic

ANDE-1 Certification: Excellence through a Systematic Approach to Training and Performance Based Qualification ICONE26-82519 Paul Lang¹ Clayton Smith²

1. ASME, New York, NY, USA; 2. Smith Associates Consulting Group LLC, Simpsonville, SC, USA

Student Paper Competition

16-4 **Nuclear Components, Nuclear Waste and** Radiation I

Tuesday July 24

Room Lalande | 16:30 - 18:30

Session Chair: Adam Drescher, University of Texas at Austin, USA

Session Co-Chair: Marco Di Filippo, Swiss Federal Institute of Technology in Zurich, Switzerland

Operational Impacts and Consequences of Piping Component Failure: a Review of Operating Experience Data as Recorded in

CODAP ICONE26-81001

Braedon Carr¹ Bengt Lydell² Jovica Riznic³

- 1. University of Ontario Institute of Technology, Oshawa, ON, Canada;
- 2. Sigma-Phase Inc, Vail, AZ, USA; 3. Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Analysis of Major Group Structures used for Nuclear Reactor Simulations ICONE26-81445

Marco Di Filippo¹ Jiri Krepel² Konstantin Mikityuk² Horst-Michael Prasser³ 1. Swiss Federal Institute of Technology in Zurich, Zürich, Switzerland; 2. Paul Scherrer Institute (PSI), Villigen, Switzerland; 3. ETH Zürich, Zürich, Switzerland

Study on Current Status and Future Developments in **Nuclear Power Industry of the World ICONE26-82085**

Roman Pioro¹ Igor Pioro² Alexander Zvorykin³ Rachid Machrafi²

1. Lomonosov Moscow State University, Moscow, Russia; 2. University of Ontario Institute of Technology, Oshawa, ON, Canada; 3. National Technical University of Ukraine, Kiev, Ukraine

Research of Fast Modeling and Simulating Platform for Nuclear Power Plant Secondary Loop ICONE26-81779

Meijie Gong, Minjun Peng, Haishan Zhu Harbin Engineering University, Harbin, China

Revamping of a Graduate Radiochemistry Course for Nuclear Forensics Applications ICONE26-81593

Adam Drescher, Brandon De Luna, Marjolein Pasman, Derek Haas, Sheldon Landsberger University of Texas, Austin, TX, USA

Student Paper Competition

16-18 Thermalhydraulics V

Tuesday July 24 Room Mouton Cadet | 16:30 - 18:30

Session Chair: Yuki Kamata, University Of Tsukuba, Japan

Session Co-Chair: Alexander Zvorykin, National Technical University of Ukraine, Ukraine

Heat Transfer to Supercritical Water (Liquid-Like State) Flowing in a Short Vertical Bare Tube with Upward Flow ICONE26-81608

Alexander Zvorykin¹ Mohammed Mahdi² Roman Popov³ Keyaan Barati Far³ Igor Pioro³

1. National Technical University of Ukraine, Kiev, Ukraine; 2. Faculty of Energy Systems and Nuclear Science University of Ontario Institute of Technology, Oshawa, ON, Canada; 3. University of Ontario Institute of Technology, Oshawa, ON,

Study on Gas Entrainment from Unstable Drifting Vortexes on Liquid Surface ICONE26-82477

Moe Hirakawa¹ Yuichiro Kikuchi¹ Takaaki Sakai²

Masaaki Tanaka3 Hiroyuki Ohshima3

1. Tokai University, Hiratuka-shi, Japan; 2. Tokai University, Kanagawa, Japan; 3. Japan Atomic Energy Agency, Oarai, Japan

Pressure Dependence of Two Phase Flow Behavior of Stagnant Water in a Vertical Pipe during Steam Injection ICONE26-82545

Naoto Kitahara, Yasunori Yamamoto, Tadashi Narabayashi, Go Chiba Hokkaido University, Sapporo, Japan

Study on Flow Structure in a Supersonic Steam Injector

Yuki Kamata, Masaya Fujishiro, Akiko Kaneko, Yutaka Abe University of Tsukuba, Tsukuba, Japan

Experimental Study on Bubble Bursting and Droplet Releasing Characteristics under Different Liquid Phase

Conditions ICONE26-82047

Hao Chen, Haifeng Gu, Xiang Yu, Yanmin Zhou, Zhongning Sun, Jimin Wen Harbin Engineering University, Harbin, China

Relationship between Void Fraction and Electrical Characteristics in Gas-Liquid Two Phase Flow ICONE26-81944

Yuya Takakura¹ MinHo Jeon¹ Masahiro Takei¹ Sohei Takamiya² Minjae Do¹ Daisuke Kawashima¹

1. Chiba University, Chiba, Japan; 2. Aichi Tokei Denki Co. Ltd., Aichi, Japan

Student Paper Competition

16-22 Measurement, Instrument and Control II

Tuesday July 24

Room Fronsac | 16:30 - 18:30

Session Chair: Shifali Singh, Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA), Cadarache, France

Session Co-Chair: Hironobu Kiuchi, Tokyo Institute of Technology, Jordan

Modelling of X-Ray Radioscopy for Phase Topology Estimation during Corium Sodium Interaction ICONE26-82400

Shifali Singh, Nathalie Cassiaut-Louis, Christophe Journeau,

Magali Zabiego, Nicolas Estre, Leonie Tamagno

Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA), Cadarache, St Paul lez Durance, France

Axial Flux Wire Measurements at the McMaster Nuclear Reactor

ICONF26-82412

Liz MacConnachie, David Novog, Simon E. Day McMaster University, Hamilton, ON, Canada

Dynamic Analysis of Flexible Rotor Suspended by Active Magnetic Bearings with LQR Controller ICONE26-82347

Yixin Su, Yanhui Ma, Qian Shi, Suyuan Yu Tsinghua University, Beijing, China

Fundamental Study on Development of Air-Coupled Ultrasonic **Imaging Measurement for Fuel Debris Inspection ICONE26-82150**

Hironobu Kiuchi¹ Shun Kimura¹ Hamdani Ari¹ Hideharu Takahashi¹ Hiroshige Kikura¹ Daisuke Sasa² Shuichi Ohmori²

1. Tokyo Institute of Technology, Tokyo, Tokyo, Japan; 2. Tokyo Electric Power Company Holdings, Inc., Yokohama, Japan

A Control Method for Combined Cycle Coupled with HTGR at

Part Load ICONF26-81252

Xinhe Qu1 Xiaoyong Yang1 Gang Zhao1 Jie Wang2

1. Tsinghua University, Beijing, China; 2. INET, Tsinghua University, Beijing, China

19:00 - 22:00

Twickenham Stadium, Rose Suite

CONFERENCE BANQUET

See page 13 for details.

Wednesday, July 25

TIME	TITLE	LOCATION
08:30 – 10:00	Plenary Session – Future of Nuclear Power	Cremant, 1st Floor
10:00 – 10:30	Poster Session & Coffee Break	Chablis Suite, Ground Floor
10:30 – 12:30	Technical Sessions	See pages 59 through 63 for session titles, authors and locations
12:30 – 14:00	Lunch	Chablis Suite, Ground Floor
14:00 – 16:00	Panel Sessions	See pages 23 through 26 for panel session details
16:00 – 16:30	Poster Session & Coffee Break	Chablis Suite, Ground Floor
16:30 – 18:30	Technical Sessions	See pages 64 through 68 for session titles, authors and locations

08:30 - 10:00

Cremant, 1st Floor

PLENARY SESSION: **FUTURE OF NUCLEAR POWER**

Clayton Smith, Organizing Committee Chair ICONE26, ASME Xiaohang Wang, Plenary Session Co-Chair, CNS, Vice President, Global Marketing and International Cooperation of SNPTC

Tetsuaki Takeda, Plenary Session Co-Chair, JSME

Jovica Riznic, Organizing Committee Co-Chair ICONE26, Canadian Nuclear Safety Commission, ASME

SPEAKER ONE:

Industrialization Application of the 3rd Generation Nuclear Power Technology



Fengxue Wang, Vice President of CNS, Chief Nuclear Officer of State Power Investment Corporation (SPIC), President of State Nuclear Power Technology Corporation (SNPTC), China

Developing low-carbon clean energy has become international consensus to tackle the deterioration of global ecological environment. As clean low-

carbon base-load energy which can replace thermal power in a large scale, nuclear power plays a critical role in the process

of global energy transformation and upgrading towards low carbonization. Due to energy endowment limitation in China, developing nuclear power safely and efficiently has always been the major direction of the nation's energy strategy. As the implementation unit of the first batch of AP1000 programs, and as the developer and owner of the world's leading 3rd generation passive PWR technology — CAP1400, State Power Investment Corporation (SPIC) will persist in innovative development, differential development and synergic development, accelerate the industrialization and scale of the 3rd generation nuclear power in China by continuously promoting safety and economy in association with our extensive cooperation partners. SPIC will also actively promote the application of CAP1400 technology in global market and provide new solutions to transformation and upgrading of nuclear power from the 2nd generation to the 3rd generation. Meanwhile, SPIC will accelerate the innovation of new types of nuclear energy technology such as small scale reactors and the 4th generation reactors, so as to meet the needs of a more extensive application and higher safety requirements.

Mr. Wang Fengxue took office as Chief Nuclear Officer of State Power Investment Corporation (SPIC) and President of State Nuclear Power Technology Corporation (SNPTC) in April 2017.

Mr. Wang started his career with Yuanbaoshan Power Plant in Inner Mongolia Province since 1982, worked successively as Director, Deputy Chief Engineer, and Chief Engineer.

In March 2002, he was appointed as General Manager of Chifeng Thermal Power Plant in Inner Mongolia Province. During November 2004 to October 2005, he served as Vice President and Chief Engineer of China Power Investment Group Northeast Branch.

From October 2005 to November 2007, he served as Chairman of Jilin Electric Power Company Ltd. and General Manager of Jilin Energy and Transportation Corporation. Besides that, he also served as President of China Power Investment Group Northeast Branch since November 2007.

From March 2008 to February 2017, Mr. Wang served as the President of Shandong Nuclear Power Company. He was nominated as the Senior Vice President of SNPTC in July 2015. He worked as the Acting President and Board Member of SNPTC and Executive Director of China Power New Energy Development Company Ltd during February to April 2017. Then he was appointed as Chief Nuclear Officer of State Power Investment Corporation (SPIC) and President of State Nuclear Power Technology Corporation (SNPTC) in April 2017.

Mr. Wang has a Master Degree in Power System and Automation from North China Electric Power University and is a senior engineer.

SPEAKER TWO:

Nuclear Infrastructure and Capacity Building: Collaboration with the Next Generation of Young Professionals



Nathan Paterson, ENS YGN Chairman & Customer Account Manager - Civil Nuclear, Rolls-Rovce

The world is hungry for energy with constant increasing demand year on year. Nuclear power is seen by many as fundamental in its function to deliver clean, secure and reliable energy within

the world's low-carbon energy mix. New nuclear infrastructure programmes, reactor designs, fleet refurbishments and step changes in ways of manufacture and operation are required for strategic long term sustainable growth.

This presents both opportunities and challenges surrounding nuclear power; innovative technology development; deployment and financing. The young professionals working their way through the industry and the generations of new entries to come will play a massive part if structuring the delivery of these areas for decades to come. Modern factors, areas of motivation and the view points of the young generation will be explored through this presentation.

Nathan is responsible for management, business development, engagement and deployment for key civil nuclear accounts in Europe and International areas at Rolls-Royce Civil Nuclear.

Previously he has been part of the delivery of new reactor designs for Naval Prolusion covering engineering governance and delivery of V&V strategy areas.

Prior to that he lead aspects of safety design, internal and external hazard analysis, and harsh environmental assessment for Through-life nuclear safety justifications

He is the Chairman of the European the European Nuclear Society (ENS) Young Generation Network (YGN) which brings together the YGNs of 21 member countries of ENS. He leads the committee's operation and strategy covering a number of activities to help support the sustainable growth of the nuclear industry and associated academic communities.

 $He\ collaborates\ on\ programmes\ including:\ the\ nuclear\ skills\ delta;$ infrastructure and capacity building; diversity within the industry; nuclear as part of the solution to fight climate change and public engagement on nuclear technologies to name a few.

SPEAKER THREE:

Research and Development for Post-**Fukushima Nuclear Systems**



Koji Okamoto, Ph.D, Director General, Collaborative Laboratory for Advanced Decommissioning Sciences (CLADS), Japan Atomic Energy Agency (JAEA) Professor, Nuclear Professional School, School of Engineering, The University of Tokyo

Seven years had been passed after the Fukushima-Daiichi Nuclear Power

Plant Accident. Nuclear Energy around the world is still in progress for the baseline energy resources. However, in Japan, the nuclear systems have lots of sociological and political risks, including Local Governor election, Court and so on. To reduce the Nuclear Risk, R&D on the super-safe nuclear systems is strongly needed. The system should be safe for both operation and waste disposal. The decommissioning of the Fukushima-Daiichi NPP is also the R&D Targets. The reactor and containment vessel is extremely high radiation environments. Fuel debris removal and waste management will be challenging topics for R&D. The post-fukushima R&D activities will be summarized.

Professor Koji Okamoto got his Master Degree of Engineering from the University of Tokyo in 1985. He worked at Mitsubishi Heavy Industries Ltd. as a researcher for Fast Breeder Reactor, Monju. In 1988, he returned to the University of Tokyo as a research associate at Department of Nuclear Engineering. After he got Ph.D in 1992, he had been promoted to be an Associate Professor in 1993. In 2004, he was a full professor at Department of Quantum Engineering and Systems Science, the University of Tokyo. His major is Thermal-Hydraulics and Nuclear Safety. He published more than 100 referred papers in the field of Fluid Engineering and Nuclear Engineering. He had several patents related to nuclear systems in US and Japan. He is an editor of Measurement Science and Technology, Institute of Physics, for more than 10 years.

After Fukushima-Daiichi NPP accidents, he moved to Nuclear Professional School of the University of Tokyo. He explained to the public about the detail of the accident at several TV programs, including NHK and so on. He was a member of accident evaluation committee at Atomic Energy Society of Japan.

Currently his research interests include Safety Improvements of Nuclear Power Plants, Advanced Nuclear Systems, Severe Accident Researches and Decommissioning activities of normal shutdown NPP and/or Fukushima-Daiichi NPP. He was a chair of the Nuclear System Decommissioning sub-working group at Ministry of Education, Science, Sports and Culture (MEXT). He also worked as an executive committee member of Nuclear Damage Compensation and Decommissioning Facilitation Cooperation (NDF). He was a Division Head of Power Energy Systems, Japanese Society of Mechanical Engineers (JSME). From April, 2018, he also works as a Director General of Collaborative Laboratory for Advanced Decommissioning Sciences (CLADS) in Japan Atomic Energy Agency (JAEA).

SPEAKER FOUR:

TERA of Nuclear Gas Turbines to Improve Economics and Meet Decarbonisation Targets by 2050



Pericles Pilidis, Professor of Cranfield University, UK., Head of Power and Propulsion Department, Centre for Propulsion Engineering

Nuclear Energy has a significant role to play in delivering a long-term objective of a secure, low carbon and affordable energy, which can compete economically

with other established generation sources but more important, meet decarbonisation targets for 2050. To achieve these targets, significant challenges need to be met in the short term such as complementing the portfolio of design by including high efficiency Brayton cycles provided by a gas turbine to boost thermal efficiency. Helium gas turbines are a very promising option as the Power Conversion Units (PCUs) for Generation IV Nuclear Systems. The presentation will be focused on three areas related to the PCU. The first will be to outline the design performance characteristics. The second section will indicate the importance of thermal efficiency and specific power from a technical and an economic point of view. The third element of the talk will offer some speculative suggestions regarding installation opportunities.

Professor Pilidis completed a doctorate in Gas Turbine Engineering at Glasgow University. His first employment was with the British Caledonian group in the gas turbine overhaul business. He joined Cranfield in 1986 as a lecturer and was promoted to the Director of the Thermal Power Masters course and Head of the Gas Turbine Engineering Group. In 2006 he was appointed Head of the Power and Propulsion Department.

Over the years, he has applied performance modelling techniques to understand issues of relevance to operation, maintenance, control and technoeconomic environmental risk analysis (TERA).

Professor Pilidis has organised and contributed to many international teaching and applied research programmes in the power, gas, oil and aviation industries. Much of his research has been focused on the needs of equipment users in various countries. He has acted as a consultant to several organisations and his active contributions have resulted in many international honours. He is a Fellow of the Royal Aeronautical Society, Fellow of the Higher Education Academy and was Chairman of the ASME Cycle Innovations.

Throughout his career at Cranfield, he has supervised 150+ postgraduate students

10:00 - 10:30

Chablis Suite, Ground Floor

POSTER SESSION & COFFEE BREAK

10:30 - 12:30

TECHNICAL SESSIONS

Plant Systems, Structures, Components and Materials

3-7 **Fracture and Failure**

Wednesday July 25

Room Chalon | 10:30 - 12:30

Session Chair: Leon Cizeli, Jozef Stefan Institute, Slovenia Session Co-Chair: Hakan Ozaltun, Idaho National Laboratory, USA

Research on Simplified Method of Transients Combining and **Loading in Fatigue Crack Growth Analysis of Carbon Steel**

Nuclear Piping ICONE26-81640

Zhenshun Liu, Hongdong Zhen

China Nuclear Power Design Co., Ltd. (Shenzhen), Shenzhen, China

LBB Analysis on Nuclear-Class Pipes of Floating Nuclear Power

Stations ICONE26-82180

Fan Bai, Yong Liu, XingSheng Lao, Qi Xiao, Jun Wu,

Zhenxing Zhao, Can Ma, Wei Wang

Wuhan Second Ship Design and Research Institute, Wuhan, China

PWSCC Initiation Behavior of Nickel-Based Alloy after

Long-term Aging ICONE26-82469

Seung Chang Yoo1 Kyoung Joon Choi2 Ji Hyun Kim1

1. Ulsan National Institute of Science and Technology, Ulsan, Korea; 2. Korea Basic Science Institute, Daejeon, Korea

Development of a Crack Opening Displacement Assessment Procedure Considering Change of Compliance at a Crack Part in Thin Wall Pipes Made of Modified 9Cr-1Mo Steel ICONE26-82619

Takashi Wakai¹ Hideo Machida² Manabu Arakawa²

Seiji Yanagihara3 Ryosuke Suzuki4 Masaaki Matsubara4

1. Japan Atomic Energy Agency, Oarai, Japan; 2. Tepco Systems Corporation, Koto-ku, Japan; 3. Shin-etsu Engineering Co. Ltd., An-naka, Japan; 4. Gunma University, Kiryu, Japan

Recent Work on the Effect of Constraint on Fracture

Behaviour ICONE26-82698

Simon Lewis¹ Mahmoud Mostafavi² lain Palmer¹

1. Frazer-Nash Consultancy, Bristol, United Kingdom; 2. University of Bristol, Bristol, United Kingdom

Instrumentation and Control (I&C) and **Influence of Human Factors**

4-5 **I&C Simulation Models and Systems**

Wednesday July 25

Room Cognac | 10:30 - 12:30

Session Chair: Dr. Antonio Ciriello, Framatome Gmbh, Germany

Session Co-Chair: Duo Li, Tsinghua University, China

Design and Development of Virtual DCS Debugging and Research Platform based on NPP Simulation Model ICONE26-81122

Caike Zhang, JingWen Qi, Chun Liu, Chenglong Xie, Peibang Liu, Ming Qu China Nuclear Power Operation Technology Corporation. LTD, Wuhan, China

Application of Virtual Reality Technology in Nuclear Power Plant Control Room Simulator ICONE26-81163

Xiyun Li¹ Xi Wang¹ Chenchen Liang² Shaohua Wang¹

1. China Nuclear Power Engineering Co., Ltd., Beijing, China; 2. China National Nuclear Corporation, Beijing, China

Simulated Training Instrument of Nuclear Radiation Reconnaissance based on an Improved Ellipse Numerical Model

Shuijun He, Manchun Liang, Guofeng Su, J.T He

Tsinghua University, Beijing, China

Evaluation of Electromagnetic Fields from Wireless Technologies in a Nuclear Plant ICONE26-82290

Mauro Cappelli¹ Vanni Lopresto² Riccardo Cecchi² Gaetano Marrocco³

- 1. ENEA, Frascati, Italy; 2. ENEA, Rome, Italy;
- 3. University of Tor Vergata, Rome, Italy

Advanced Load Following Control with Predictive Reactivity Management (ALFC-PREDICTOR) ICONE26-82678

Victor Morokhovskyi

Framatome GmbH, Erlangen, Germany

Advanced Reactors and Fusion Technologies

5-4 **Advanced Reactors General**

Wednesday July 25

Room Bourg | 10:30 - 12:30

Session Chair: Takanori Sugawara, Japan Atomic Energy Agency, Japan

Session Co-Chair: Xian-Gang Fu, CNPRI, China

Session Co-Chair: Takaaki Sakai, Tokai University, Japan

Design Study of Beam Window for Accelerator-Driven System with Subcriticality Adjustment Rod ICONE26-81233

Takanori Sugawara, Yuta Eguchi, Hironari Obayashi, Hiroki Iwamoto, Hiroki Matsuda, Kazufumi Tsuiimoto Japan Atomic Energy Agency, Tokai, Japan

Structural Analysis and Manufacturing of HL-2M Vacuum Vessel and Support Structures ICONE26-81273

Yuncong Huang, Hong Ran, Jilai Hou, Zeng Cao, Binbin Song Southwestern Institute of Physics, Chengdu, China

Design of Steam Generator Accident Protection System for Sodium Cooled Fast Breeder Reactor ICONE26-81298

Xu Yeqiang

China Institute of Atomic Energy, Beijing, China

Application of Similarity Law in Electrical Device Design in Helium for High Temperature Gas-Cooled Reactor ICONE26-82520

Xiaohuan Chen¹ Yinan Geng¹ Jie Wang²

1. Tsinghua University, Beijing, China; 2. INET, Tsinghua University, Beijing, China

Feasibility Study of a New Fabrication Method for the

Li,SiO, Pebbles ICONE26-82598

Rosa Lo Frano¹ Monica Puccini¹ Eleonora Stefanelli¹

Stefano Malguori² Matteo Luppichini¹ Claudio Grima³

Stefania De Sanctis² Sandra Vitolo¹ Donato Aquaro¹

- 1. DICI-University of Pisa, Pisa, Italy; 2. Industrie Bitossi, Sovigliana, Italy;
- 3. University of Pise, Pise, Italy

Strategy and R&D Status of China Lead-based Reactor

ICONE26-82613

Yican Wu¹ Ligin Hu¹ Zhumin Zhao¹ Yong Song¹ Qunying Huang¹ Tao Zhou¹ Sheng Gao¹ Chao liu¹ Yunqing Bai² Chunjing Li¹ Ang Wang¹

1. Institute of Nuclear Energy Safety Technology. Chinese Academy of Sciences. Hefei, China; 2. Key Laboratory of Neutronics and Radiation Safety, Institute of Nuclear Energy Safety Technology, Hefei, China

Nuclear Safety, Security, and Cyber Security

6-6 **Emergency Preparedness**

Wednesday July 25

Room Mouton Cadet | 10:30 - 12:30

Session Chair: Daming Liu, IAEA, Austria

Session Co-Chair: Wang Cong, Naval University of Engineering, China

Session Co-Chair: Akira Yamada, Toshiba Energy Systems & Solutions Corporation, Japan

Study on Offsite Emergency Preparedness for the Industry **Application of HTR-PM** ICONE26-81166

Hongchun Ding1 Liguo Zhang2 Jiejuan Tong2

1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

The Design of a Nuclear Emergency Decision Deduction and Training Platform ICONE26-81691

Ke Li¹ Manchun Liang¹ Guofeng Su¹ Jie Yang² Jingtao He¹ Shuijun He¹ 1. Tsinghua University, Beijing, China; 2. Gsafety Company, Beijing, China

Study on Emergency Planning Zone Determination for CAP200

Small Modular Reactor ICONE26-81071

Xuan Wang, Fenglei Du, Te Tang, Dawei Sun

Shanghai Nuclear Engineering Research & Design Institute, Shanghai, China

Research on Optimization of Ingestion Emergency Planning Zone

Sizing ICONE26-81285

Mengxi Wang, Na Xue, Xinjian Liu

China Nuclear Power Engineering Co., Ltd., Beijing, China

The Design of Data Structure and Interface for Nuclear **Emergency Assessment and Decision Support System**

ICONF26-81885

Yapeng Yang¹ Hong Wei² Zongyang Feng¹

Linsheng Jia1 Xiaoxiao Xu1 Jiangang Zhang1

- 1. China Institute for Radiation Protection, Taiyuan, China;
- 2. China National Nuclear Power Co., Ltd, Beijing, China

Data-Driven Fault Diagnosis for Nuclear Power Plant: The Implicit Model Approach ICONE26-82473

Zhaoxu Chen, Xianling Li, Zhiwu Ke, Mo Tao, Yi Feng

Wuhan Second Ship Design and Research Institute, Wuhan, China

Codes, Standards, Licensing, and Regulatory Issues

7-5 **Personnel Certifications, Regulatory Influence, and Computer Codes**

Wednesday July 25

Room Epernay | 10:30 - 12:30

Session Chair: Samuel Miranda, Independent Author, USA

Discussion on Personnel Qualification System of Korea Electric Power Industry Code (KEPIC) ICONE26-82080

Su yeon Park, Myoungsung Sohn, Hyun Jae Joo, Lee Jong Eun Korea Electric Association, Seoul, Korea

ASME Nondestructive Examination and Quality Control Central Qualification and Certification Program ICONE26-82280

Clayton Smith1 Paul Lang2

- 1. Smith Associates Consulting Group LLC, Simpsonville, SC, USA;
- 2. ASME, New York, NY, USA

"Begging the Question" in Licensing Basis Accident Analyses

ICONE26-81902

Samuel Miranda

Independent Author, Silver Spring, MD, USA

Comprehensive Safety Simulation of "Pengze" NPP based on Virtual4DS ICONE26-82624

Tao He, Xiaolei Zheng, Liwei Chen, Leiming Shang, Pengcheng Long Key Laboratory of Neutronics and Radiation Safety, Institute of Nuclear Energy Safety Technology, Hefei, China

NECP-Bamboo: A PWR-core Nuclear Design Code System

ICONE26-81117

Yunzhao Li1 Hongchun Wu1 Liangzhi Cao2

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Thermal-Hydraulics and Safety Analyses

8-9 **Modeling NPPs Using System Analysis** Software I

Wednesday July 25

Room Reims | 10:30 - 12:30

Session Chair: Anwar Hussain, PIEAS, Pakistan

Investigation on Thermal-Hydraulic Parameters and Instability under Two Different Heating Conditions based on RELAP5

Code ICONE26-82268

Zhaoyang Xia¹ Zhiwei Zhou¹ Tianji Peng²

1. Tsinghua University, Beijing, China; 2. Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou, China

The Simulation Research of Noncondensable Gas to **Condensation in Secondary Side Condenser of Floating Nuclear** Power Plant based on RELAP5 ICONE26-82222

Siwei Yan, Chunmei Li, Tiebo Liang, Jing Zhao, Chengming Hao, Yu Wang Nuclear Power Institute of China, Chengdu, China

Numerical Simulation on Primary Side of AP1000 Steam Generator by Porous Media Model ICONE26-82182

Hu Ligiang

China Institute of Atomic Energy, Beijing, China

Accident Progression and Reactor Safety Analysis in Case of Safety Systems Operation Failure in AP1000 SBL0CA ICONE26-82643

Anwar Hussain, Amjad Nawaz

PIEAS, Islamabad, Pakistan

Pressurized Thermal Shock (PTS) Transient Scenarios Screening Analysis with Trace ICONE26-81749

Roman Mukin¹ Ivor Clifford¹ Markus Niffenegger¹ Hakim Ferroukhi² 1. Paul Scherrrer Institute, Villigen, Switzerland; 2. Paul Scherrer Institut / Laboratory for Reactor Physics and Systems Behaviour, Villigen, Switzerland

Thermal-Hydraulics and Safety Analyses

Scaling and Seismic: Methodology, **Development, and Application**

Wednesday July 25

Room Alsace | 10:30 - 12:30

Session Chair: Pavel Lobanov, Kutateladze Institute of Thermophysics,

A Scaling Analysis for a General Passive Heat Removal System

ICONE26-81133

Wei Li, Zhen Feng Qi, Qiang Guo, Yidan Yuan China Nuclear Power Engeneering Co., Ltd., Beijing, China

A Dimensional Analysis of Ex-Vessel Steam Explosion

ICONE26-81303

Wei Li, Qiang Guo, Yidan Yuan

China Nuclear Power Engeneering Co., Ltd., Beijing, China

Uncertainty Analysis of Scaling Calculations from LSTF Small Break LOCA Tests with Steam Generator Intentional Depressurization Applying to a Four-Loop PWR ICONE26-81920

Ikuo Kinoshita

Institute of Nuclear Safety System, Inc., Mikata-Gun, Fukui, Japan

Experimental Activities on Thermal Hydraulics of Heavy Liquid Metal Flow in Typical Elements of Nuclear Power Stations

ICONE26-82407

Pavel Lobanov¹ Oleg Kashinsky² Alexandr Kurdyumov¹ Aleksandr Svetonosov¹ Nikolay Pribaturin² Maksim Vorobyev¹

- 1. Kutateladze Institute of Thermophysics, Novosibirsk, Russia;
- 2. Institute of Thermophysics, Novosibirsk, Russia

The Qualitative Analysis of Vertical Seismic Acceleration Effect on a Single Nuclear-Coupled Boiling Channel Natural Circulation Loop ICONE26-81230

Jin Der Lee¹ Yuh-Ger Lin¹ Shao-Wen Chen¹ Chin Pan² Jinn-Jer Peir¹

- 1. National Tsing Hua University, Hsinchu, Taiwan;
- 2. City University of Hong Kong, Hong Kong, Hong Kong

Thermal-Hydraulics and Safety Analyses

Natural Circulation Experiments, Phenomena, and Analyses I

Wednesday July 25

Room Bouzy | 10:30 - 12:30

Session Chair: Chikako lwaki, Toshiba Energy Systems & Solutions Corporation, Japan

The Experimental Investigation of Steam Condensation with Non-Condensable Gas under Natural Convection ICONE26-81292

Xizhen Ma¹ Wen Fu¹ Haijun Jia² Peiyue Li¹ Jun Li²

- 1. Luoyang Ship Material Research Institute, Luoyang, China;
- 2. Tsinghua University, Beijing, China

COPRA Experiments on Melt Pool Behavior with Eutectic NaNO.-KNO. Simulant ICONE26-81367

Yukun Zhou¹ Yapei Zhang¹ Simin Luo¹ Zhichun Xu¹

Luteng Zhang¹ Guanghui Su¹ Suizheng Qiu²

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'An, China

Natural Convection Heat Transfer from Vertical 9x9 Rod Bundles in Liquid Sodium ICONE26-81966

Koichi Hata1 Qiusheng Liu2 Takashi Nakajima3

- 1. Graduate School of Maritime Sciences, Kobe University, Kobe, Japan;
- 2. Kobe University, Kobe, Japan; 3. Kyoto University, Uji, Japan

Advanced Natural Circulation Reduced Order Model with Inclined Channel for Low Pressure Conditions ICONE26-81238

René Manthey, Alexander Knospe, Carsten Lange,

Christoph Schuster, Antonio Hurtado

Technische Universität Dresden, Dresden, Germany

Research on Thermal Hydraulic Characteristics of Two Phase **Natural Circulation Process for Secondary Side Passive Residual** Heat Removal System ICONE26-81257

Erbing Shi¹ Chang Wang¹ Rui Hao¹ Lu Sun¹ Genglei Xia²

- 1. China Ship Development and Desin Center, Wuhan, China;
- 2. Harbin Engineering University, Harbin, China

Thermal-Hydraulics and Safety Analyses

8-21 **Instability Experiments and Analyses**

Wednesday July 25

Room Cremant | 10:30 - 12:30

Session Chair: Shuichiro Miwa, Hokkaido University, Japan

Effects of Parameters on the Two-Phase Flow Instability in a Microchannel ICONE26-81992

Yefei Liu, Yang Liu, Xing-Tuan Yang, Liqiang Pan Tsinghua University, Beijing, China

Effect of the Jet Stability on Supersonic Steam Injector Operation

ICONE26-82585

Shuichiro Miwa, Nozomu Akiyama, Takahiro Moribe, Hiroto Sakashita Hokkaido University, Sapporo, Japan

Development of Techniques for RCP Performance Verification Test and Optimization of Flow Stability ICONE26-82091

Seok Kim1 Byoung-Uhn Bae1 Yun-Je Cho1

Woo-Jin Jeon¹ Yeon-Sik Kim² Seok Cho¹

- 1. Korea Atomic Energy Research Institute, Daejeon, Korea;
- 2. Korea Atomic Energy Research Institute, Taejon, Korea

Experimental Study on Two-Phase Natural Circulation Flow Instability in Rod Bundle Channel under Low Pressure Condition

ICONF26-81225

Kun Cheng, Sichao Tan, Zheng Liu, Tao Meng Harbin Engineering University, Harbin, China

Numerical Investigation on the Characteristic of the Reverse Flow Phenomenon in a Z-Type Parallel Compact Heat Exchanger with Large Number of Tubes ICONE26-81242

Jian Zhou, Ming Ding, Haozhi Bian, Zhang Yinxing, Zhongning Sun Harbin Engineering University, Harbin, China

Thermal-Hydraulics and Safety Analyses

Fast Reactors: Experiments and Analyses I

Wednesday July 25

Room Lalande | 10:30 - 12:30

Session Chair: Chenglong Wang, Xi'an Jiaotong University, China

Numerical Simulation of Safety Rod and its Drive Mechanism in Sodium-Cooled Fast Reactor during Scram Action ICONE26-81559

Yan Li, Wenjun Hu, Iixia Ren

China Institute of Atomic Energy, Beijing, China

Development of the LMFBR Subchannel Analysis Code ATHAS-LMR and Analysis of Blockage Accident ICONE26-81600

Peng Du, Jiangiang Shan, Bo Zhang Xi'an Jiao Tong University, Xi'an, China

Development and Application of Multi-Physics Safety Analysis Code for Advanced Liquid Metal Cooled Reactor ICONE26-81973

Chi Wang1 Xuebei Zhang2 Jingchao Feng2

Muhammad Shehzad Khan2 Minyou Ye1 Hongli Chen1

1. University of Science and Technology of China, Hefei, China; 2. University of Science and Technology of China, Anhui, China

Experimental Evaluation on Heat Transfer Characteristics of Sodium-to-Air Heat Exchanger with Helical Finned Tubes in a

Cross Flow ICONE26-82458

Hyungmo Kim, Jaehyuk Eoh, Joonki Kim, Ji-Young Jeong Korea Atomic Energy Research Institute, Daejeon, Korea

Stress and Fatigue Analysis of Thermal Shock for Cladding of **Center Measurement Column Lower Head in the Fast Reactor** under Shutdown Condition ICONE26-82596

Shu Zheng¹ Daogang Lu¹ Qiong Cao¹ Chao Liu¹ Yunlong Ding¹ Yi Huang² 1. North China Electric Power University, Beijing, China; 2. China Institute of Atomic Energy, Beijing, China

Phénix Transient Analysis for the Assessment of RELAP5-3D based on Dissymmetric Test Benchmark ICONE26-82419

Fabio Giannetti¹ Vincenzo Narcisi¹ Andrea Subioli¹ Alessandro Del Nevo² 1. Sapienza University of Rome, Roma, Italy; 2. ENEA CR Brasimone, Camugnano,

Computational Fluid Dynamics (CFD)

9-2 Multi-phase flow Analysis I

Wednesday July 25

Room Fronsac | 10:30 - 12:30

Session Chair: Ronghua Chen, Xi'an Jiaotong University, China Session Co-Chair: Jiazhi Li, The University of Tokyo, Japan Session Co-Chair: Shimpei Saito, University of Tsukuba, Japan

Numerical Simulations on Hydrodynamic Process of Melt Jet Breakup and Fragmentation with the Two-Phase Lattice **Boltzmann Method ICONE26-81663**

Shimpei Saito1 Yutaka Abe1 Akiko Kaneko1 Alessio Festuccia2 Alessandro De Rosis³ Kazuya Koyama⁴

1. University of Tsukuba, Tsukuba, Japan; 2. University of Rome Tor Vergata, Rome, Italy; 3. Israel Institute of Technology, Haifa, Israel; 4. Mitsubishi FBR Systems, Inc., Shibuya, Japan

Enhancement of Pressure and Curvature Calculation for the Moving Particle Semi-Implicit Method ICONE26-82205

Jiazhi Li, Sunghyon Jang, Akira Yamaguchi The University of Tokyo, Tokyo, Japan

Advances in Modeling Critical Heat Flux in LWR Boiling Flows with the NEK-2P CFD Code ICONE26-81910

Adrian Tentner¹ Prasad Vegendla² Ananias Tomboulides¹

Aleksandr Obabko1 Elia Merzari2 Dillon Shaver1

- 1. Argonne National Laboratory, Argonne, IL, USA;
- 2. Argonne National Laboratory, Lemont, IL, USA

Optimization of Moving Particle Semi-Implicit (MPS) Method and Studying of Flow Instability ICONE26-81948

Kailun Guo1 Ronghua Chen1 Suizheng Qiu2

Guanghui Su1 Wenxi Tian1 Junmei Wu1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Improvement of Software BRT-CICERO Dedicated to Carbon Steel Flow-Accelerated-Corosion Monitoring on Nuclear Power Plants from Experiments to CFD Calculations ICONE26-82588

Elodie Gipon¹ Marie-Pierre Moutrille¹ Stephane Trevin² Corentin Masbou² 1. EDF, Grenoble, France; 2. EDF DTG, Grenoble, France

Computational Fluid Dynamics (CFD)

9-14 Thermal Mixing II

Wednesday July 25

Room Muscadet | 10:30 - 12:30

Session Chair: Afaque Shams, Nuclear Research and Consultancy Group, Netherlands

Session Co-Chair: Mo Fei, Tsinghua University, China

Session Co-Chair: Yann Le Moigne, Westinghouse Electric Sweden AB, Sweden

Application of Vorticity Method in Auxiliary Impeller Optimization of HTR-PM Main Helium Fan ICONE26-82559

Mo Fei, Zhang Youjie

Tsinghua University, Beijing, China

Preliminary Validation of the Detached Eddy Simulation Model in CFD Code GASFLOW-MPI ICONE26-82402

Han Zhang1 Yabing Li2 Jianjun Xiao2 Thomas Jordan1

1. Karlsruhe Institute of Technology, Karlsruhe, Germany; 2. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany

Unsteady CFD Analyses of the Thermal Mixing of the Feedwater in the Downcomer of a BWR ICONE26-82179

Yann Le Moigne

Westinghouse Electric Sweden AB, Västerås, Sweden

Numerical Investigation of Mass Mixing in the Reactor Core of a

Bed HTGR ICONE26-81722 Wei Lu, Xiaowei Li, Xinxin Wu Tsinghua University, Beijing, China

Innovative Nuclear Power Plant Design and

13-1 Small Modular Reactors-SMR Water Cooled

Wednesday July 25

Room Talbot | 10:30 - 12:30

Session Chair: Jovica Riznic, Canadian Nuclear Safety Commission, Canada Session Co-Chair: Christopher Bell, Rolls-Royce PLC, United Kingdom

Integrated Design of a Reactor Core for the Rolls-Royce Small Modular Reactor Project ICONE26-81311

Simon de Haas¹ David Chu¹ Kevin Ellis¹ Matthew White¹ Ben Lindley² Peter Smith² Julian Murgatroyd² Andrew Grief³ Mike Leddy³ Mike Yule³ 1. Rolls-Royce Nuclear, Derby, United Kingdom; 2. Wood, Dorchester, United Kingdom; 3. Wood, Knutsford, United Kingdom

We never built small modular reactors (SMRs), but what do we know about modularization in construction? ICONE26-81604

Benito Mignacca, Giorgio Locatelli, Mahmoud Alaassar,

Diletta Colette Invernizzi

University of Leeds, Leeds, United Kingdom

A Methodology to Determine SMR Build Schedule and the Impact of Modularisation ICONE26-81550

Clara Lloyd, Anthony Roulstone

University of Cambridge, Cambridge, United Kingdom

A Combined Small Modular Reactor and Gas Turbine Cycle with Reheat ICONE26-81002

Robert Stakenborghs, Gregory Kramer

ILD Power, Baton Rouge, LA, USA

The Canadian Nuclear Safety Commission: Readiness Activities to Regulate Small Modular Reactors ICONE26-82620

Kevin Lee

Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Approach to UK SMR Component Design ICONE26-81188

Christopher Bell

Rolls-Royce PLC, Derby, United Kingdom

Proposed License Structure of Small Modular Reactor in China

ICONE26-81985

Hua Zheng, Shuhong Wei

China Nuclear Power Design Co., Ltd. (Shenzhen), Shenzhen, China

12:30 - 14:00

Chablis Suite, Ground Floor

LUNCH

14:00 - 16:00

PANEL SESSIONS

See pages 23 through 26 for panel session details.

16:00 - 16:30

Chablis Suite, Ground Floor

POSTER SESSION & COFFEE BREAK

16:30 - 18:30

TECHNICAL SESSIONS

Plant Systems, Structures, Components and Materials

3-10 **Impact and Vibration Analyses**

Wednesday July 25

Room Chalon | 16:30 - 18:30

Session Chair: Akemi Nishida, Japan Atomic Energy Agency, Japan Session Co-Chair: Hakan Ozaltun, Idaho National Laboratory, USA

Study on the Shaking Dynamic Response of Steam Generator

LOCA ICONE26-81278

Qian Huang, Xiaofei Yu, Huan-huan Qi, Nai-bin Jiang,

FengChun Cai, Zhi-peng Feng

Nuclear Power Institute of China, Chengdu, China

Optimal Design and Performance Simulation of a Novel Semi-Active Vibration Absorber for Pipeline System of NPP

ICONE26-81741

Zhiguo Wei¹ Jinlan Gou¹ Shao Dan Li¹ Lu Dai¹ Meng-Ran Liao²

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Key Lab. on Steam Power System, Wuhan Second Ship Design and Research Institute, Wuhan, China

Proposal of a Simple Evaluation Method for Sloshing Impact Pressure on Flat Roofs ICONE26-82562

Shigeru Takaya¹ Tatsuya Fujisaki²

1. Japan Atomic Energy Agency, Ibaraki, Japan; 2. NDD, Ibaraki, Japan

Evaluation of Local Damage to Reinforced Concrete Panels Subjected to Oblique Impact of Rigid and Soft Missiles

ICONE26-82615

Akemi Nishida¹ Minoru Nagai² Haruji Tsubota² Yinsheng Li³

1. Japan Atomic Energy Agency, Chiba, Japan; 2. Japan Atomic Energy Agency, Ibaraki, Japan; 3. Japan Atomic Energy Agency, Ibaraki-Ken, Japan

Structural Dynamic Transient Analysis of Fire Protection System at a Nuclear Power Plant ICONE26-82627

Milton Dong, Eugene Tom

Unisont Engineering, Inc., Oakland, CA, USA

Mechanical Impact Tests with EB Welded Joints Made with Fixing Bars of Nuclear Fuel Assembly ICONE26-82666

Soo-sung Kim, Hyun-jung Kim, Yong-jin Jeong, Jong-man Park KAERI, Daejeon, Korea

Instrumentation and Control (I&C) and **Influence of Human Factors**

4-6 **I&C Modeling and Software**

Wednesday July 25

Room Lalande | 16:30 - 18:30

Session Chair: Dr. Antonio Ciriello. Framatome Gmbh. Germany

Session Co-Chair: Mauro Cappelli, ENEA, Italy

Application of Monte Carlo Methods in Reactor Protection System Reliability Research ICONE26-81300

Duo Li, Zhaojun Hao, Shuqiao Zhou, Chao Guo Tsinghua University, Beijing, China

A Research on System Error Correction for a High Temperature Hydrogen Detector based on Neural Network Technique

ICONE26-81301

Zhen Feng Qi, Yi Wang Zhang, Wei Li, Yidan Yuan China Nuclear Power Engineering Co., Ltd., Beijing, China

Prediction and Sensibility Analysis for Nuclear Safety-Critical Software Reliability of DCS ICONE26-81647

Ying Liu, Yafeng Wang, Bo Pang, Lei Tang, Bo Feng, Guohai Cao Nuclear Power Institute of China, chengdu, China

Research on Algorithm of Sump Level Operator Assisted Support Program for PWR Nuclear Power Plant ICONE26-81714

Qiaofen Liu, Sanping Xiao, Yu Liu, Xichao Liu, Xulun Jiang China Nuclear Power Design Co., Ltd. (Shenzhen), Shanghai, China

The Cloud Model Theory of Intelligent Control Method for Non-Minimum-Phase and Non-Self-Balancing System in

Nuclear Power ICONE26-81829

Mo Tao1 Ruotong Qu2 Zhiwu Ke1 Zhaoxu Chen1 Xianling Li1 Yi Feng1

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Nanjing University of Aeronautics and Astronautics, Nanjing, China

Advanced Reactors and Fusion Technologies

5-3 **Modeling and Simulation I**

Wednesday July 25

Room **Epernay I 16:30 – 18:30**

Session Chair: Arnold Gad-Briggs, Cranfield University & EGB Engineering UK, United Kingdom

Session Co-Chair: Hong Yu, Chinese Institute of Atomic Energy, China

Neutronic Methodological Benchmarks with Simplified Geometries for the Gas Cooled Reactor Group Constant Generating Tools ICONE26-81427

Emese Temesvari¹ Balint Batki¹ Milan Gren²

1. MTA EK, Centre for Energy Research, Hungarian Academy of Sciences, Budapest, Hungary; 2. UJV Rez, Husinec - Rez, Czech Republic

Experimental Studies on the Thermal-Hydraulics of Dowtherm A through the Pebble Bed with Internal Heat

Generation ICONE26-81917

Limin Liu1 Dalin Zhang2 Linfeng Li2 Yichen Yang2 Chenglong Wang² Suizheng Qiu³

1. Xi'an Jiao Tong University, Xi'an, CA, USA; 2. Xi'an Jiao Tong University, Xi'an, China; 3. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Research on the Application of Two Order Discrete Scheme in Intermediate Heat Exchanger Heat Transfer Numerical

Calculation Model ICONE26-81624

Jin Wang, Donghui Zhang

China Institute of Atomic Energy, Beijing, China

A Review of Brayton Helium Gas Turbine Cycles for GFR and VHTR **Generation IV Nuclear Power Plants ICONE26-81681**

Arnold Gad-Briggs¹ Pericles Pilidis² Theoklis Nikolaidis²

- 1. Cranfield University & EGB Engineering UK, Cheshire, United Kingdom;
- 2. Cranfield University, Bedford, United Kingdom

Modification of RELAP/SCDAPSIM/MOD4.0 for Liquid Metal in Contact with Noncondensable Gas ICONE26-82030

Qian Sun¹ Tianji Peng² Zhiwei Zhou¹ Zhibin Chen³ Shisheng Wang⁴ 1. Tsinghua University, Beijing, China; 2. Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou, China; 3. Key Laboratory of Neutronics and Radiation Safety, Institute of Nuclear Energy Safety Technology, Hefei, China; 4. Institute of Nuclear Energy Safety Technology, Chinese Academy of Sciences, Hefei, China

Experimental and Numerical Analysis of Steam Generator Tube Rupture Event for MYRRHA Reactor in CIRCE Facility with SIMMER-IV Code ICONE26-82503

Alessio Pesetti1 Mariano Tarantino2 Nicola Forgione1

1. University of Pisa, Pisa, Italy; 2. ENEA C.R. Brasimone, Camugnano, Italy

Nuclear Safety, Security, and Cyber Security

6-8 **Radiation Source and Field Detection I**

Wednesday July 25

Room Mouton Cadet | 16:30 - 18:30

Session Chair: Giada Gandolfo, Sapienza University of Rome, Rome, Italy Session Co-Chair: Fuliang Jiang, University of South China, Hengyang City, China

The Neutron Active Interrogation System for In-Field Detection of Transuranic-Based Radioactive Dispersal Devices for Security **Applications** ICONE26-81422

Nadia Cherubini¹ Alessandro Dodaro¹ Giada Gandolfo² Giuseppe A. Marzo¹ Luigi Lepore² Ermanno Piccinelli¹ Romolo Remetti²

1. ENEA, Rome, Italy; 2. Sapienza University of Rome, Rome, Italy

Experimental Study of Radon Exhalation Rate in Uranium-like Rock based on Closed Chamber Method ICONE26-81067

Fuliang Jiang, Xiaoli Wang, Shuai Zhang, Xiangyang Li, Changshou Hong University of South China, Hengyang, China

Noise Reduction Treatment and Analysis of Accumulated Radon Concentration in Uranium-like Rock based on Wavelet

Theory ICONE26-81068

Fuliang Jiang, Wenchao Yang, Ming Li, Xiangyang Li, Changshou Hong University of South China, Hengyang, China

High Efficient Detritiation Catalysts for Fusion Safety

ICONF26-81269

Quanwen Wu, Daqiao Meng, Wenhua Luo, Jinchun Bao, Jingwen Ba China Academy of Engineering Physics, Mianyang, China

Diffusion Law and Simulation Analysis of Radon in Uranium Tailings based on Multiple Gauss Plume Model ICONE26-81189

Jiaxin Wang¹ Guohua Wu¹ Liguo Zhang² Jingyuan Qu¹ Jiejuan Tong² 1. Tsinahua University, Beijina, China: 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

The Development of the Advanced Method for the Source Term **Evaluation Applicable to the Dynamic PRA ICONE26-82523**

Koichi Nakamura¹ Sunghyon Jang² Akira Yamaguchi²

- 1. Central Research Institute of Electric Power Industry, Kanagawa, Japan;
- 2. The University of Tokyo, Tokyo, Japan

Thermal-Hydraulics and Safety Analyses

8-5 **Gas-cooled Reactor Experiments and Analyses**

Wednesday July 25

Room Reims | 16:30 - 18:30

Session Chair: Rosa Lo Frano, DICI - University of Pisa, Italy

A Numerical Study on Graphite Dust Deposition on Steam **Generator Tubes in the High-Temperature Gas-Cooled Reactor** (HTGR) ICONE26-82043

Mingzhe Wei, Yiyang Zhang, Zhu Fang, Xinxin Wu, Libin Sun Tsinghua University, Beijing, China

The Cross-Flow Mixing Analysis of Quasi-Static Pebble Flow in Pebble Bed Reactor ICONE26-82223

Xiang Fang, Xing-Tuan Yang, Shengyao Jiang Tsinghua University, Beijing, China

Study on the Turbulent Mixed Convection Phenomena inside the Air-Cooled RCCS Riser ICONE26-82071

Dong-Ho Shin1 Sin-Yeob Kim1 Chan Soo Kim2

Goon-cherl Park1 Hyoung Kyu Cho1

1. Seoul National University, Seoul, Korea; 2. Korea Atomic Energy Research Institute, Daejeon, Korea

Development of Single Pebble Benchmark Ex. I-2A for IAEA UAM CRP with MOOSE ICONE26-82155

Jinlin Niu, Lidong Wang, Jiong Guo, Fu Li Tsinghua University, beijing, China

Thermal-Hydraulics and Safety Analyses

Containment Related Experiments and Analyses

Wednesday July 25

Room Alsace | 16:30 - 18:30

Session Chair: Gonzalo Jimenez, Universidad Politécnica de Madrid (UPM),

AP1000® Passive Cooling Containment Analysis of a Double-Ended LBLOCA with a 3D Gothic Model ICONE26-81886

Samanta Estevez-Albuja, Gonzalo Jimenez, Kevin Fernández-Cosials, César Queral, Zuriñe Goñi Universidad Politécnica de Madrid, Madrid, Spain

Analyses of Gas Stratification Erosion by a Vertical Jet in Presence of an Obstacle using the GOTHIC Code ICONE26-82360

Michele Andreani, Ralf Kapulla

Paul Scherrer Institut (PSI), Villigen, Switzerland

Study of Fission Product Behavior in Containment Vessel using Modified Art Mod 2: Update of Cesium and Iodine Compound

Models ICONE26-82069

Wasin Vechgama, Kampanart Silva

Thailand Institute of Nuclear Technology, Nakhon Nayok, Thailand

Study of the Behaviors of an Open-Loop Heat-Removal System

Xianmao Wang¹ Yonggang Shen¹ Jiang Yang¹

Yong Ouyang² Min Rui¹ Suizheng Qiu³

1. China Nuclear Power Technology Research Institute, Shenzhen, China; 2. CGNPC, Shenzhen, China; 3. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Thermal-Hydraulics and Safety Analyses

8-13 **Aerosols and Spent Fuel Pool Related Experiments and Analyses**

Wednesday July 25

Room **Bouzy | 16:30 – 18:30**

Session Chair: Haomin Sun, Japan Atomic Energy Agency, Japan

Detailed Experimental and Analytical Study on Long Two-Phase Closed Thermosiphons Related to Passive Spent-Fuel Pool

Cooling ICONE26-81726

Claudia Grass¹ Anne Kruessenberg² Rudi Kulenovic¹

Fabian Weyermann² Joerg Starflinger³ Andreas Schaffrath²

1. University of Stuttgart - Institute of Nuclear Technology and Energy Systems, Stuttgart, Germany; 2. Gesellschaft fuer Anlagen- und Reaktorsicherheit GRS gGmbH, Garching, Germany; 3. University of Stuttgart, Stuttgart, Germany

Experimental Study of Aerosol Behavior during Pool Scrubbing: Part 1 - Visualization Measurement of Aerosol Particle in a Single

Rising Bubble ICONE26-81383

Kota Fujiwara, Wataru Kikuchi, Yuki Nakamura, Shimpei Saito, Tomohisa Yuasa, Akiko Kaneko, Yutaka Abe University of Tsukuba, Tsukuba, Japan

Experimental Investigation on Dependence of Decontamination Factor on Aerosol Number Concentration in Pool Scrubbing under **Normal Temperature and Pressure ICONE26-81638**

Haomin Sun¹ Shinichi Machida² Sibamoto Yasuteru³

Yuria Okagaki1 Taisuke Yonomoto1

1. Japan Atomic Energy Agency, Tokai-mura, Japan; 2. Persol Tempstaff Co., Ltd., Shibuya-ku, Japan; 3. Japan Atomic Energy Agency, Naka, Japan

Experimental Study of Aerosol Behavior during Pool Scrubbing: Part 2 - Decontamination of Aerosol Particle in Two Phase

Flow ICONE26-81659

Wataru Kikuchi, Kota Fujiwara, Yuki Nakamura, Shimpei Saito, Tomohisa Yuasa, Akiko Kaneko, Yutaka Abe University of Tsukuba, Tsukuba, Japan

Thermal-Hydraulics and Safety Analyses

Fluid-Structure Interactions: Experiments and Analyses

Wednesday July 25

Room Muscadet | 16:30 - 18:30

Session Chair: Rosa Lo Frano, DICI - University of Pisa, Italy

A Flow-Induced Vibration Study on the Multiple Rectangular **Tubes Bundles for Steam Generator Outlet Pipes of HTR-PM**

ICONE26-81229

Yu Song, Qin Zhou, jiaqing Zhao, Yiyang Zhang, Xinxin Wu Tsinghua University, Beijing, China

Experimental and Numerical Analysis of the Flow Field in the Integrated Valve for the Control Rod Hydraulic Drive System

Junfei Jiang, Benke Qin, HanLiang Bo Tsinghua University, Beijing, China

Study on Flow-Induced Vibration of Intermediate Heat Exchanger in Prototype Fast Reactor ICONE26-81652

Guangdong Song, Lina Zhu, Liu Mengmeng China Institute of Atomic energy, Beijing, China

Suppression Methods of Acoustic Noise Generated in Main Steam Stop Valve ICONE26-82515

Shiro Takahashi1 Atsuyuki Minenaga2 Eiji Ozaki2

1. Hitachi, Ltd., Hitachi Research Laboratory, Hitachi, Japan; 2. Mitsubishi Hitachi Power Systems, Ltd., Nagasaki, Japan

Evaluation of Jet Impact Region and Fluid Force Generated from Ruptured Pipes: Part 4 - Numerical Evaluation of Affected Region by Flashing Jet Flow ICONE26-82063

Ryo Morita¹ Shiro Takahashi² Shun Watanabe¹ Noriyuki Takamura³

- 1. Central Research Institute of Electric Power Industry, Kanagawa, Japan;
- 2. Hitachi, Ltd., Hitachi Research Laboratory, Hitachi, Japan; 3. Hitachi GE Nuclear Energy, Hitachi-shi, Japan

Thermal-Hydraulics and Safety Analyses

8-19 **Condensation Phenomena, Experiments, and Analyses**

Wednesday July 25

Room Cremant | 16:30 - 18:30

Session Chair: Ronghua Chen, Xi'an Jiaotong University, China

Numerical Simulation of Condensation Heat Transfer in Shell Side of Double Inlet Condenser ICONE26-81370

Kaiyu Li, Ruojun Xue, Zhaoheng Liu, Jilin Sun, Le Liang Harbin Engineering University, Harbin, China

Experimental Comparison on the Multi-Hole Steam Spraying Condensation Heat Transfer Characteristics ICONE26-82518

Yuhao Zhang, Bin Ouyang, Yonglong Yuan, Daogang Lu North China Electric Power University, Beijing, China

Modeling of Wall Condensation in the Presence of Noncondensable Gases for Representative Nuclear Reactor

Accident Tests ICONE26-82608

Sonia Benteboula¹ Frédéric Dabbene²

- 1. Commissariat à l'Energie à Atomique (CEA), Gif sur Yvette, France;
- 2. CEA Saclay, Gif sur Yvette, France

Non-Condensable Gas Plugging and Mixing Behavior in PWR Steam Generator Tubes during Reflux Condensation ICONE26-82350

Filip Janasz¹ Horst-Michael Prasser¹ Detlef Suckow² Marton Szogradi³
1. ETH Zurich, Zürich, Switzerland; 2. Paul Scherrrer Institute, Villigen, Switzerland;
3. VTT Technical Research Centre of Finland, Espoo, Finland

Analysis of the Condensation Model used in Severe Accident Integral Codes ICONE26-82020

Yiming Zhu, Zhuo Liu, Xiaoming Yang

China Nuclear Power Engineering Co., Ltd., Beijing, China

Applying Computational Fluid Dynamics Methodologies to Hydro-Dynamic Loads in the Suppression Pool of a BWR ICONE26-82167

David Mauritzson¹ Sven Perzon¹ Thomas A. Probert²

- 1. Westinghouse Electric Sweden AB, Vasteras, Sweden;
- 2. OKG AB, Oskarshamn, Sweden

Computational Fluid Dynamics (CFD)

9-11 Multi-phase Flow Analysis II

Wednesday July 25

Room Fronsac | 16:30 - 18:30

Session Chair: Yann Le Moigne, Westinghouse Electric Sweden AB, Sweden Session Co-Chair: Paridhi Goel, Homi Bhabha National Institute, Mumbai, India; Bhabha Atomic Research Centre, Mumbai, India, India

Session Co-Chair: Elia Merzari, Argonne National Laboratory, USA

Numerical Study of Effect of Contact Angles on Flow Boiling Employing Thermal LBM Simulation ICONE26-81569

Tingzhen Sun¹ Qian Liu¹ 0 Gui¹ Xing-Tuan Yang²

Jiyuan Tu1 Shengyao Jiang2

1. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 2. Tsinghua University, Beijing, China

3D Modelling of Hydrogen-Air-Steam Mixture Combustion within the Framework of Nuclear Power Plant Safety Substantiation

ICONE26-82641

Vitaly Kotov

JSC ATOMPROEKT, Saint Petersburg, Russia

Numerical Investigation of Aerosol Collection Efficiency in a Venturi Scrubber ICONE26-82489

Paridhi Goel1,2 Arun Nayak2

1. Homi Bhabha National Institute, Mumbai, MH, India; 2. Bhabha Atomic Research Center, Mumbai, MH, India

Evaluation of Turbulence Modeling Approaches for Cross-Flow in a Helical Tube Bundle ICONE26-82486

Adam Kraus, Haomin Yuan, Elia Merzari

Argonne National Laboratory, Lemont, IL, USA

Sensitivity Analysis of Turbulence Models for the Core Inlet Flow

Distribution of PWR ICONE26-82454

Lu-lu Hao, Hong Chen, Su-chen Qiu

Fujian Fuqing Nuclear Power Co., Ltd., Fuqing, China

CFD Modeling of Annular Flow with a Three-Field Approach

ICONE26-82351

Salvatore Raddino¹ Yann Le Moigne²

Tobias Strömgren² Jean-Marie Le Corre²

- 1. Royal Institute of Technology, Stockholm, Sweden;
- 2. Westinghouse Electric Sweden AB, Västerås, Sweden

Decontamination & Decommissioning, Radiation Protection, and Waste Management

10-2 Radioactive Waste

Wednesday July 25

Room Bourg | 16:30 - 18:30

Session Chair: Massimo Sepielli, ENEA, Italy

Session Co-Chair: Hideharu Takahashi, Tokyo Institute of Technology, Japan

Overview of the U.S. Department of Energy Advanced Waste

Forms Development ICONE26-81017

Patricia Paviet1 Kimberly Grav1 John Vienna2

- 1. Department of Energy Office of Nuclear Energy, Germantown, MD, USA;
- 2. Pacific Northwest National Laboratory, Richland, WA, USA

Application of Clearance in Controlling Radioactive Waste of Nuclear Power Plant ICONE26-81048

Qiang Wu¹ LiQinDu Wang² Chen Jiang² GuangLai Zhou¹

1. China Institute for Radiation Protection, TaiYuan, China; 2. FuQing Nuclear Power Plant, Fuzhou, China

Free Release of Radioactive Waste Containing Very Low Level Waste and Short Lived Radionuclides at Nucleco ICONE26-82039

Alessandro Dodaro, Claudio Andreozzi, Battistina Bianchilli,

Filippo Gagliardi, Egidio Mauro, Monica Sisti

Nucleco S.p.A., Rome, Italy

Ultrasonic Velocities Measurement in Compacted Bentonite-Sand Mixtures for Saturation Level Evaluation ICONE26-82617

Shun Kimura¹ Hideharu Takahashi¹ Ari Hamdani¹

Masanori Aritomi¹ Susumu Ozaki² Hiroshige Kikura¹

1. Tokyo Institute of Technology, Tokyo, Japan; 2. OCL Corporation, Tokyo, Japan

In Situ Measurement Technique of Low-Energy Y-Contaminated Waste Sorting ICONE26-81341

Yue Weihong, Xu Yeqiang

China Institute of Atomic Energy, Beijing, China

UK Nuclear New Build Programme: Funded Decommissioning

Planning ICONE26-82708

Aujas Mistry, Chris Medlock

Nuvia, Warrington, United Kingdom

Innovative Nuclear Power Plant Design and SMRs

13-2 Sodium Cooled Reactors

Wednesday July 25

Room Talbot | 16:30 - 18:30

Session Chair: Kenta Ichikawa, Mitsubishi FBR Systems, INC., Japan Session Co-Chair: Bin Hou, China Institute of Atomic Energy, China

Estimation of Mitigation Effects of Sodium Nanofluid for SGTR Accidents in SFR ICONE26-81309

Kenta Ichikawa¹ Naoki Yoshioka¹ Hironori Kanda²

Kuniaki Ara² Jun-ichi Saito² Keiichi Nagai²

1. Mitsubishi FBR Systems, Inc., Tokyo, Japan; 2. Japan Atomic Energy Agency, Ibaraki, Japan

Geometry Survey on the Convex Shaped Core for Recriticality Prevention against CDA in Sodium-Cooled Fast Reactor

ICONE26-81331

Keiko Chitose¹ Yoshiaki Tachi² Toshio Wakabayashi³ Naoyuki Takaki¹ 1. Tokyo City University, Tokyo, Japan; 2. Japan Atomic Energy Agency, Higashi Ibaraki, Japan; 3. Tohoku University, Sendai, Japan

Controller Design of a LFR Demonstrator Steam Generator using **Active Disturbance Rejection Control Method ICONE26-81883**

Mohanned Khalid, Zhou Shiliang, Shen Cong North China Electric Power University, Beijing, China

Numerical Study on the Two-Phase Flow for a Gas/Liquid Metal Magnetohydrodynamic Generator ICONE26-82231

Meng-Ran Liao1 Chunhui Dai2 Can Ma2 Yong Liu2

Zhenxing Zhao² Zhouyang Liu²

1. Key Lab. on Steam Power System, Wuhan Second Ship Des. & Res. Ins., Wuhan, China: 2. Wuhan Second Ship Design and Research Institute, Wuhan,

Risk Assessments and Management

14-1 Risk Assessment and Management I

Wednesday July 25

Room Cognac | 16:30 - 18:30

Session Chair: Hidemasa Yamano, Japan Atomic Energy Agency, Japan Session Co-Chair: Mahesh Pandey, University of Waterloo, Canada

Probabilistic Analysis of Creep-Induced SGTR for NPP

ICONE26-81032

Wenjing Li, Wentao Zhu, Xinli Yu, Wei Wei China Nuclear Power Engineering Co., Ltd., Beijing, China

Level 1 PRA for External Vessel Storage Tank of Japan Sodiumcooled Fast Reactor in Scheduled Refueling ICONE26-81079

Hidemasa Yamano1 Kenichi Naruto2 Kenichi Kurisaka3

Hiroyuki Nishino3 Yasushi Okano3

- 1. Japan Atomic Energy Agency, Ibaraki, Japan; 2. NESI, Inc., Oarai, Japan;
- 3. Japan Atomic Energy Agency, Oarai, Japan

Calibration of Inspection Strategies in Support of Aging Management Programs: A Probabilistic Approach ICONE26-81115

Mahesh Pandey, Mikko Jyrkama

University of Waterloo, Waterloo, ON, Canada

Study on Description of Plant Status at Fukushima Accident by **Emergency Action Level ICONE26-81127**

Kazufumi Nagashima, Nakahiro Yasuda Fukui University, Tsuruga-shi, Japan

Standby Equipment Reliability Data Analysis on Risk Monitor of Nuclear Power Plant ICONE26-82590

Yingfei Ma, Zhijian Zhang, He Wang, Sijuan Chen,

Anqi Xu, Gangyang Zheng

Harbin Engineering University, Harbin, China

Thursday, July 26

TIME	TITLE	LOCATION
08:30 – 10:30	Technical Sessions	See pages 69 through 73 for session titles, authors and locations
10:30 – 11:00	Coffee Break	Chablis Suite, Ground Floor
11:00 – 13:00	Technical Sessions	See pages 74 through 78 for session titles, authors and locations
13:00 – 14:00	Lunch	Chablis Suite, Ground Floor
14:00 – 16:00	Technical Sessions	See pages 78 through 83 for session titles, authors and locations
16:00 – 16:30	Coffee Break	Chablis Suite, Ground Floor
16:30 – 18:30	Technical Sessions	See pages 83 through 87 for session titles, authors and locations

08:30 - 10:30

TECHNICAL SESSIONS

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-7 **Future Reactor Concepts and Innovative Nuclear Applications**

Thursday July 26

Room Fronsac | 08:30 - 10:30

Session Chair: Thomas Adams, Naval Surface Warfare Center, Crane Division, USA

Session Co-Chair: Carsten Schroer, Karlsruhe Institute of Technology (KIT), Eggenstein-Leopoldshafen, Germany

Modular Boiling Water Reactor Concept ICONE26-81196

Yi Liao1 Wang Cong2 Lei Chen1

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Naval University of Engineering, Wuhan, China

Conceptual Core Design of HAPPY200 Reactor ICONE26-82125

Xiaosheng Li, Linsen Li, Lianghui Peng, Xiaosong Chen,

Zhaocan Meng, Yaodong Chen

State Power Investment Central Research Institute, Beijing, China

Preliminary Neutron Simulation of Ceramic Fast Reactor

ICONE26-81474

Xuesong Yan¹ Xunchao Zhang² Yaling Zhang² Lei Yang² Wenshan Duan¹ 1. Joint Laboratory of Atomic and Molecular Physics of NWNU & IMPCAS, Northwest Normal University, Lanzhou, China; 2. Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou, China

Criticality Safety Issues in Nuclear Design of HP-SMTCs Space

Reactor ICONE26-82244

Songyang Li, Dingqu Wang, Yueyuan Jiang, Weihua Li, Wenli Guo Tsinghua University, Beijing, China

Experimental and Modeling Research on Leading Betavoltaic

Technology ICONE26-82475

Thomas Adams1 Shripad Revankar2 Darrell Cheu2

Peter Cabauy³ Bret Elkind³ Jesse P. Grant⁴

- 1. Naval Surface Warfare Center, Crane Division, Crane, IN, USA;
- 2. Purdue University, West Lafayette, IN, USA; 3. City Labs, Homestead, FL, USA;
- 4. City Labs, Inc / Johns Hopkins, Homestead, FL, USA

Physics Design of Special Epithermal Neutron Beam based on Multi D-D Reaction Neutron Tubes ICONE26-81392

Yi Yang¹ Yiguo Li² Bin Zhao¹

1. China Nuclear Power Engineering Co., Ltd., Beijing, China; 2. China Institute of Atomic Energy, Beijing, China

Plant Systems, Structures, Components and Materials

3-12 **Seismic and Transient Analyses**

Thursday July 26

Room Chalon | 08:30 - 10:30

Session Chair: Antony Hurst, EASL, United Kingdom

Session Co-Chair: Asif Arastu, Unisont Engineering, Inc., USA

Analytical Study on Fragility Evaluation with Uncertainty against **Fault Displacement for Nuclear Power Plant Buildings**

ICONE26-81072

Kenshiro Ishiki¹ Hirokazu Tsuji² Minoru Kanechika¹ Yoshinori Mihara¹

- 1. Kajima Corporation, Tokyo, Japan;
- 2. Japan Nuclear Safety Institute, Tokyo, Japan

Study on Methods for HCLPF Value of Nonlinear Supports System of Steam Generator ICONE26-81279

FengChun Cai, Xianhui Ye, Qian Huang, Wenzheng Zhang Nuclear Power Institute of China. Chenadu. China

Influence of Gap Size on Added Mass for Spent Fuel Storage Rack

ICONE26-82595

Daogang Lu, Yu Liu, Shu Zheng

North China Electric Power University, Beijing, China

Transient Analysis of Fire Protection System at a Nuclear Power Plant using Computer Code USLAM ICONE26-82622

Asif Arastu¹ Eugene Tom²

- 1. Unisont Engineering, Inc., Castro Valley, CA, USA;
- 2. Unisont Engineering, Inc., Oakland, CA, USA

Nuclear Safety, Security, and Cyber Security

6-5 Security of SMRs and Advanced Reactors I

Thursday July 26

Room Bouzy | 08:30 - 10:30

Session Chair: Daming Liu, IAEA, Vienna, Austria

Session Co-Chair: Akira Yamada, Toshiba Energy Systems & Solutions Corp., Kawasaki, Japan

Session Co-Chair: Wang Cong, Naval University of Engineering Wuhan, Hubei, China

Calculation of Core Damage Frequency Caused by Main Control **Broad Fire in the Main Control Room for Small Momular Reactors**

ICONE26-81467

Wanhong Wang, Changhong Peng, Yun Guo University of Science and Technology of China, Hefei, China

Transient Thermal Behaviors of SBO Accident for a 200MW OFNP under Heaving Motion Conditions ICONE26-81880

Yan Qiqi¹ Simin Luo¹ Yapei Zhang¹ Liu Limin¹ Guanghui Su¹ Suizheng Qiu² 1. Xi'an Jiao Tong University, xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Research on the Passive Residual Heat Removal System of Floating Nuclear Plants ICONE26-82219

Wang Cong¹ Jue Wang² Chen Hu² Yi Liao² Lei Chen²

1. Naval University of Engineering, Wuhan, China; 2. Wuhan Second Ship Design and Research Institute, Wuhan, China

Assessment of Control Room Radiological Habitability of High-Temperature Reactor Pebble-Bed Module in Shidao Bay Multi-Reactor Nuclear Power Site ICONE26-82448

Xinpeng Li, Sheng Fang

Tsinghua University, Beijing, China

Structural Redundancy Design and Reliability Analysis of Magnetic Bearing for HTGR Primary Helium Circulator

ICONE26-81336

Yangbo Zheng, Zhengang Shi, Xingnan Liu, Mo Ni, Guojun Yang Tsinghua University, Beijing, China

Development of Boron Dilution Model in COBRA-EN ICONE26-82269

Hao Yu1 Mingjun Wang1 Suizheng Qiu2 Wenxi Tian1 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Thermal-Hydraulics and Safety Analyses

8-6 Thermal-hydraulic Experiments I

Thursday July 26

Room Reims | 08:30 - 10:30

Session Chair: Suizheng Qiu, School of Nuclear Science and Technology, Xi'An Jiaotong University, China

Experimental Study of a Micrometer-sized Droplet Impinging on a Smooth Heated Surface ICONE26-81038

Zhen Zhang, Kai Chen, Peixue Jiang, Xing-Tuan Yang Tsinghua University, Beijing, China

Development of Experimental Facility to Study Channel Disassembly Behaviour for Indian PHW Reactor during Heatup

ICONE26-81312

Pradeep Sahoo¹ Ankit Singh²

1. Botswana International University of Science & Technology - BIUST, Palapye, Botswana; 2. Indian Institute of Technology Roorkee, Roorkee, UK, India

Experimental Study on the Safety Injection Pump (SIP) Failure Accompanied by the Steam Generator Tube Rupture (SGTR)

ICONE26-81460

Yusun Park, Byoung-Uhn Bae, Jongrok Kim, Jae Bong Lee, Hae Min Park, Nam Hyun Choi, Kyoung Ho Kang Korea Atomic Energy Research Institute, Daejeon, Korea

Turbulent Transverse Plane PIV Measurements on a Wire-Wrapped 61-Pin Hexagonal Fuel Bundle ICONE26-81462

Nolan Goth1 Philip Jones1 Thien D. Nguyen1 Rodolfo Vaghetto² Yassin Hassan²

- 1. Texas A&M Nuclear Engineering, College Station, TX, USA;
- 2. Texas A&M University, College Station, TX, USA

A Piezoelectric Droplet Generating Device for Experiment in Successive Droplets Impacting onto Solid Surface ICONE26-81475

Jianxin Li1 Huang Zhang1 Yuzheng Li1 Qianfeng Liu2 HanLiang Bo1 1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Mechanism of Flashing Phenomena Induced by Microwave Heating ICONE26-81699

Shunya Fujita¹ Yutaka Abe² Akiko Kaneko² Tomohisa Yuasa² Tomoomi Segawa³ Yoshikazu Yamada³ Yoshiyuki Kato³ Katsunori Ishii³

1. University of Tsukuba, Ibaraki, Japan; 2. University of Tsukuba, Tsukuba, Japan;

3. Japan Atomic Energy Agency, Ibaraki, Japan

Thermal-Hydraulics and Safety Analyses

Core Experiments, Phenomena, and Modeling

Thursday July 26

Room Alsace | 08:30 - 10:30

Session Chair: Mingjun Wang, Xi'an Jiaotong University, China

Research on the Physical Modelling for the Subchannel Analysis of PWR Core ICONE26-81231

Guangliang Chen, Xiaomeng Dong, Lei Li, Peizheng Hu, Thompson Appah, Zhaofei Tian, Zhijian Zhang Harbin Engineering University, Harbin, China

Analysis of Flow Blockage of a Single Fuel Assembly in the JRR-3 20MW Research Reactor ICONE26-81313

Yu-chuan Guo, Guanbo Wang, Dazhi Qian, Heng Yu, Bo Hu China Academy of Engineering Physics, Mianyang, China

A Numerical Research of the Resistance Characteristics of the **Bottom Nozzle in the Annular Fuel Assembly ICONE26-82259**

Minghui Duan, Minfu Zhao

China Institute of Atomic Energy, Beijing, China

Thermal Hydraulic Design of a Million Kilowatt Travelling Wave Reactor Core ICONE26-82103

Lin Chao

China Institute of Atomic Energy, Beijing, China

Influence of Spacer Elements on Flow Distribution and Heat Transfer in Experimental Models of Fuel Assemblies ICONE26-82163

Nikolay Pribaturin1 Oleg Kashinsky1 Dmitry Kulikov2

Alexandr Kurdyumov² Sergey Lezhnin² Pavel Lobanov² Julio Pacio³ Leonid Stoppel³ Aleksandr Svetonosov² Thomas Wetzel³

1. Institute of Thermophysics SB RAS, Novosibirsk, Russia; 2. Kutateladze Institute of Thermophysics, Novosibirsk, Russia; 3. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany

Thermal-Hydraulics and Safety Analyses

Thermal-hydraulic Experiments III 8-30

Thursday July 26

Room Cremant | 08:30 - 10:30

Session Chair: Chikako lwaki, Toshiba Energy Systems & Solutions Corporation, Japan

Experimental Nusselt Number in Rod Bundles Cooled by

Heavy-Liquid Metals ICONE26-82213

Julio Pacio¹ Markus Daubner¹ Thomas Wetzel¹ Ivan Di Piazza² Mariano Tarantino² Daniele Martelli³ Morena Angelucci⁴

- 1. Karlsruhe Institute of Technology, Leopoldshafen, Germany;
- 2. ENEA C.R. Brasimone, Camugnano, Italy; 3. University of Pisa Dipartimento di Ingegneria Civile ed Industriale (DICI), Pisa, Italy; 4. University of Pisa, Pisa, Italy

Effect of Subcooling and Nozzle Diameter on Heat Transfer **Characteristics of Downward Facing Hot Surfaces using Mist**

Jet ICONF26-82211

Avadhesh Kumar Sharma, Monika Meena,

Anirudh Soni, Santosh Kumar Sahu

Indian Institute of Technology Indore, Indore, MP, India

Experimental Study on the Interaction of Molten SN with Water

ICONE26-82204

Longkun He¹ Pengfei Liu¹ Xisi Zhang² Wenjun Hu²

Bo Kuang¹ Liangzhang Wei¹

1. Shanghai Jiao Tong University, Shanghai, China; 2. China Institute of Atomic Energy, Beijing, China

Experimental Investigation and Flow Visualization of the Two-Phase Flow Instability at Low Vapor Quality in a Vertical

Narrow Channel ICONE26-82052

Ligiang Pan, Yang Liu, Weihua Li, Yefei Liu

Tsinghua University, Beijing, China

Investigation on Flow and Breakdown Characteristics under Horizontal Shear of Water Film Falling Down Vertical Corrugated

Plate Dryer ICONE26-81702

Wang Bo, Ruifeng Tian, Chen Bowen, Mao Feng

Harbin Engineering University, Harbin, China

Experimental Research on Steam Jetting and Condensation in Low Sub-Cooled Water ICONE26-81597

Chunhui Dai¹ Meng-Ran Liao² Qi Xiao¹ Jun Wu¹ Shao Dan Li¹ Jinlan Gou¹

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Key Lab. on Steam Power System, Wuhan Second Ship Design and Research Institute, Wuhan, China

Thermal-Hydraulics and Safety Analyses

Equipment Design Studies II

Thursday July 26

Room Muscadet | 08:30 - 10:30

Session Chair: Hirofumi Takeda, Central Research Institute of Electric Power Industry, Japan

Development of Device for Detecting Helium Leak from Canister: Part 1 – Experiment on Temperature Behavior during Gas Leak from Canister of 1/4.5 Scale Cask Model ICONE26-81477

Hirofumi Takeda¹ Masanori Goto²

- 1. Central Research Institute of Electric Power Industry, Chiba, Japan;
- 2. Hitachizosen, Tokyo, Japan

Vaporisation and Condensation in the Feed-Water System in the Turbine Building: How the Phenomenon Arises and How it Can Be

Avoided ICONE26-81769

Thomas A. Probert

OKG AB. Oskarshamn, Sweden

The Effects of a Non-Condensable Gas on Pressurizer Insurge Transients under the High Pressure ICONE26-81772

Bolong Wang, Weihua Li, Haijun Jia, Jun Li Tsinghua University, Beijing, China

ALFRED Steam Generator Assessment: Design and Pre-Test Analysis of HERO Experiment ICONE26-81824

Pierdomenico Lorusso¹ Alessio Pesetti² Mariano Tarantino³

1. University "La Sapienza", Roma, Italy; 2. University of Pisa, Pisa, Italy; 3. ENEA C.R. Brasimone, Camugnano, Italy

Design and Distortion Analysis of Thermal-Hydraulics Test Facility for the Fuel Transfer Tube ICONE26-81834

XiDao Mao1 Yang Liu2 Haijun Jia2 Qiang Guo1

- 1. China Nuclear Power Engineering Co., Ltd., Beijing, China;
- 2. Tsinghua University, Beijing, China

Evaluation of IET Facility Applicability on Simulating SBLOCA in Large-Scale Passive PWR Plant ICONE26-82630

Haozheng Kong¹ Bo Kuang¹ Pengfei Liu¹

- Xia Lu¹ Lifang Liu² Bo Dong² Yi Yao² 1. Shanghai Jiao Tong University, Shanghai, China;
- 2. State Power Investment Central Research Institute Nuclear Power Software Development Center, Shanghai, China

Computational Fluid Dynamics (CFD)

9-5 **Heat Transfer**

Thursday July 26

Room Epernay | 08:30 - 10:30

Session Chair: Angel Papukchiev, Gesellschaft fuer Anlagen und Reaktorsicherheit (GRS) gGmbH, Germany

Session Co-Chair: Dan Li, University of Science and Technology of China, China

Session Co-Chair: Zhen Zhang, Tsinghua University, China

Experimental Validation of ANSYS CFX for Transient Flows with Heat Transfer in a Tubular Heat Exchanger ICONE26-81104

Angel Papukchiev

Gesellschaft fuer Anlagen und Reaktorsicherheit (GRS) gGmbH, Garching, Germany

Numerical Investigation on Turbulent Heat Transfer of Supercritical CO_a in a Helically Coiled Tube ICONE26-81748

Xiaorui Huang¹ Zhen Zhang¹ Xing-Tuan Yang¹ Shengyao Jiang¹ Jiyuan Tu² 1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China

Predicting Critical Heat Flux from First Principle Based Modeling in Multiphase CFD ICONE26-82426

Emilio Baglietto, Etienne Demarly, Ravikishore Kommaiosyula Massachusetts Institute of Technology, Cambridge, MA, USA

Numerical Analysis of Heat Transfer Characteristics of External Cooling Channel of the Lower Head ICONE26-81410

Dan Li, Yun Guo, Changhong Peng

University of Science and Technology of China, Hefei, China

Computational Fluid Dynamics (CFD)

9-12 **Multi-phase Flow Analysis III**

Thursday July 26 Room Mouton Cadet | 08:30 - 10:30

Session Chair: Hyukjin Song, Dongguk University, Korea

Session Co-Chair: Ying Liu, Nuclear Power Institue of China, China

Session Co-Chair: Fulong Zhao, Tsinghua University, China

Prediction of Subcooled Boiling with Uncertainties from Boundary Conditions and Interaction Models ICONE26-81101

Tenglong Cong, Minjun Peng, Xiang Zhang Harbin Engineering University, Harbin, China

Stokes Number Analysis of the Moving Droplets in the Steam-Water Separator ICONE26-81299

Fulong Zhao¹ Qianfeng Liu² Chenru Zhao¹ HanLiang Bo¹ Ying Liu³ Ya Zhou⁴ 1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 3. Nuclear Power Institute of China, Chengdu, China; 4. AFD China Intellectual Property, Beijing, China

DEM-CFD Study on Fluid Flow through Radial Layered Composite Packed Beds ICONE26-81343

Zehua Guo, Zhongning Sun, Nan Zhang, Ming Ding, Haozhi Bian, Zhaoming Meng Harbin Engineering University, Harbin, China

CFD Simulation of Fission Gas Release under Fuel Defects Condition in Pressurized Water Reactor ICONE26-81398

Bing Dong, Leihao Li, Chenyue Li, Junlian Yin, Wang Dezhong Shanghai Jiao Tong University, Shanghai, China

Computation of Solid Melting with Wall Boiling under External Reactor Vessel Cooling ICONE26-81499

Hyukjin Song¹ Jong Woon Park²

1. Dongguk University, Gyeongju, Korea; 2. Dongguk University, Dept. Nuclear & Energy Eng., Gyeongju, Korea

Modeling of Low and High Void Fraction Two-Phase Flow in a Vertical Pipe by using the Two-Fluid Model ICONE26-81583

Shimo Yu, Xiao Yan, Junyi Zhang

Nuclear Power Institute of China, Chengdu, China

Mitigation Strategies for Beyond Design **Basis Events**

Core Cooling, Core Degradation and In-Vessel Melt Retention

Thursday July 26

Room **Bourg | 08:30 – 10:30**

Session Chair: Alexei Miassoedov, Karlsruhe Institute of Technology, Germany

Experimental Study on Flow Instability during Gravity-Driven Reflooding ICONE26-81736

Lili Tong1 Dandi Zhang1 Liqiang Hou2 Xiaoji Wang2

1. Shanghai Jiao Tong University, Shanghai, China; 2. Nuclear Power Institute of China, Chengdu, China

Reactor Core Cooling Performance of a Passive Endothermic Reaction Cooling System during Design and Non-Design Basis

Accidents ICONE26-81896

Nathan R. Murray, Mitchell E. Sailsbery, Samuel E. Bischoff, Paul R. Wilding, Matthew J Memmott Brigham Young University, Provo, UT, USA

Evaluation of the Kinetics of Molten Pool Stratification in Case of In-Vessel Melt Retention Strategy ICONE26-82243

Laure Carénini, Florian Fichot IRSN, Saint Paul Lez Durance, France

A Revised Methodology to Assess In-Vessel Retention Strategy for High-Power Reactors ICONE26-82248

Florian Fichot¹ Laure Carénini¹ Sevostian Bechta² Walter Villanueva² 1. IRSN, St Paul lez Durance, France; 2. KTH, Stockholm, Sweden

Assessment of Scale-Down Models of SFR-RVCS ICONE26-82591 Koung Moon Kim¹ Ji-Hwan Hwang² Dong-Wook Jerng² Ho Seon Ahn¹ 1. Incheon National University, Incheon, Korea; 2. Chung-Ang University, Seoul,

Innovative Nuclear Power Plant Design and SMRs

Advanced Reactors I 13-3

Thursday July 26

Room **Talbot | 08:30 – 10:30**

Session Chair: Zhaocan Meng, State Power Investment Corporation Research Institute, China

Session Co-Chair: Hirota Noriaki, Japan Atomic Energy Agency, Japan

Comparative Study of Helium Turbine Brayton Cycle and Supercritical CO₂ Brayton Cycle for HTGR ICONE26-81561

Gang Zhao¹ Xiaoyong Yang¹ Ping Ye² Wei Peng¹ Jie Wang²

1. Tsinghua University, Beijing, China; 2. INET, Tsinghua University, Beijing, China

A Concept of Intermediate Heat Exchanger for High-Temperature **Gas Reactor Hydrogen and Power Cogeneration System**

ICONF26-81718

Hirota Noriaki¹ Terada Atsuhiko¹ Xing L. Yan¹ Tanaka Kohei² Otani Akihito² 1. Japan Atomic Energy Agency, Ibaraki-ken, Japan; 2. IHI Corporation, Yokohama, Japan

European Utility Requirements for Advanced LWR Issue of EUR Revision E and Ongoing Assessments ICONE26-82343

Peter Chappell¹ Guillaume Jacquart² Olli Kymäläinen³ Giovanni Ferraro² 1. EDF Energy, Bristol, United Kingdom; 2. EDF, DIPNN/SEPTEN, Lyon, France; 3. FORTUM, Helsinki, Finland

Status of District Heating Reactor and its Development Prospects

in China ICONE26-82445 Jing Zhao, Fei Xie, Zhihong Liu Tsinghua University, Beijing, China

Dynamic Modeling of the NSSS based on NHR200-II Nuclear **Heating Reactor ICONE26-82579**

Zhe Dong, Yifei Pan, Miao Liu, Xiaojin Huang Tsinghua University, Beijing, China

Risk Assessments and Management

Risk Assessment and Management II

Thursday July 26

Room Cognac | 08:30 - 10:30

Session Chair: Qinfang Zhang, Shanghai Nuclear Engineering Research & Design Institute, China

Session Co-Chair: Meiru Liu, China Nuclear Power Engineering Co.,LTD,

A Review of Multi-Unit Nuclear Power Plant Probabilistic Risk Assessment Research ICONE26-81130

Taotao Zhou, Mohammad Modarres, Enrique Droguett University of Maryland College Park, College Park, MD, USA

Evaluation of Core Damage Frequency of High Flux Engineering Test Reactor from Internal Events ICONE26-81176

Jinlin Liu, Wanhong Wang, Changhong Peng, Yun Guo University of Science and Technology of China, Hefei, China

Study on Shutdown Fire PRA for Nuclear Power Plant

ICONE26-81272

Meiru Liu¹ Qingnan Zhao¹ Wei Deng¹ Jinyan Du¹ Lin Sun²

- 1. China Nuclear Power Engineering Co., Ltd., Beijing, China;
- 2. Harbin Engineering University, Harbin, China

Design and Development of DeRisk: A Fault Tree Analysis

Program Package ICONE26-81291

Zhenxu Zhou, Hao Nie, Qin Zhang Tsinghua University, Beijing, China

Design and Development of the Platform for Significance **Determination Process System for Nuclear Power Plant**

ICONF26-81399

Qinfang Zhang¹ Guoxu Zhang¹ Zilong Wang² Qi Dong¹ Guofeng Tang¹ 1. Shanghai Nuclear Engineering Research and Design Institute Co. Ltd., Shanghai, China; 2. CNNC Nuclear Power Operations Management Co. Ltd, Zhejiang, China

Computer Code Verification and Validation

15-1 Methodologies, Protocols, and Strategies for Conducting V&V

Thursday July 26

Room Lalande | 08:30 - 10:30

Session Chair: Marco Lanfredini, GRNSPG-University of Pisa, Italy Session Co-Chair: Aaron Krueger, Texas A&M University, College Station, TX, **United States**

A Continuous Integration Platform for the Deterministic Safety Analyses Code System AC2 ICONE26-81123

Joachim Herb

Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) gGmbH, Garching bei München, Germany

Rigorous Code Verification: An Additional Tool to Use with the Method of Manufactured Solutions ICONE26-82438

Aaron Krueger1 Vincent Mousseau2 Yassin Hassan1

1. Texas A&M University, College Station, TX, USA; 2. Sandia National Laboratories, Albuquerque, NM, USA

Moving from V&V to V&V&C in Nuclear Thermal-Hydraulics

ICONE26-82574

Francesco D'Auria¹ Marco Lanfredini²

1. University of Pisa, Pisa, Italy; 2. GRNSPG-University of Pisa, Pisa, Italy

Two Stage Data Driven V&V for an Agile Thermohydraulic

Analysis Method ICONE26-82628

Christopher Bennett, Scott Adams, Nicholas Alexander Rolls-Royce, Derby, United Kingdom

The International Experimental Thermal Hydraulic Systems Database (TIETHYS): A New NEA Validation Tool ICONE26-82631

Upendra Rohatgi1 James Dyrda2 Nicolas Soppera2

1. Brookhaven National Laboratory, Upton, NY, USA; 2. Nuclear Energy Agency-OECD, Boulogne-Billancourt, France

Application of RELAP/SCDAPSIM/MOD4.1 to the Analysis of Advanced Reactor/Fluid Systems with Liquid Molten Salt in the

Presence of Non-Condensable Gases ICONE26-82041

Shuying Jiang¹ Zheng Fu¹ M. Perez-Ferragut² Judith Hohorst¹

- 1. Innovative Systems Software, Idaho Falls, ID, USA;
- 2. Innovative Systems Software, Ammon, ID, USA

10:30 - 11:00

Chablis Suite, Ground Floor

COFFEE BREAK

11:00 - 13:00

TECHNICAL SESSIONS

Nuclear Fuel and Material, Reactor Physics and Transport Theory

2-11 **Nuclear Fuel Safety and Performance Analysis III**

Thursday July 26

Room **Bourg | 11:00 – 13:00**

Session Chair: Wenzhong Zhou, City University of Hong Kong, Hong Kong

Geometry Sensitivity of a CANDU Fuel Bundle on Dryout

Power ICONE26-81674 Joohwan Park, Jong Yeob Jung KAERI, Taejon, Korea

Modeling for Gas Bubble Evolution in Nuclear Fuels ICONE26-82648 San-Qiang Shi, Zhihua Xiao

Department of Mechanical Engineering, Hong Kong, Hong Kong

Multiphysics Modeling of Thorium-Based (Th, U)O, and (Th, Pu)O, Fuel Performance in a Light Water Reactor ICONE26-81237

Rong Liu¹ Jieiin Cai¹ Wenzhong Zhou² Ye Wang¹ 1. South China University of Technology, Guangzhou, China; 2. City University of Hong Kong, Kowloon, Hong Kong

Preliminary Development of a TRISO Fuel Performance Analysis

Code: FFAT ICONE26-82242 Jian Li, Ding She, Lei Shi, Jing Zhao Tsinghua University, Beijing, China

(1) An Era of Small and Medium Sized Reactors (SMRs) in Power Generation and Other Miscellaneous Use; (2) Evaluation of Triso Fuel Performance in PWRs ICONE26-82645

Anwar Hussain, Amjad Nawaz PIEAS, Islamabad, Pakistan

Experiences on Radioactive Materials Safe Transport in CIRP

ICONE26-82009

Jiangang Zhang, Guoqiang Li, Renze Wang, Hongchao Sun, Dajie Zhuang, Shutang Sun, Dongyuan Meng China Institute for Radiation Protection, Taiyuan, China

Plant Systems, Structures, Components and Materials

3-13 **Structural Materials**

Thursday July 26

Room Chalon | 11:00 - 13:00

Session Chair: Carsten Schroer, Karlsruhe Institute of Technology (KIT), Germany

Session Co-Chair: Leon Cizeli, Jozef Stefan Institute, Slovenia

A Systematic Study of the Material Performance of Hot Isostatically Pressed Type 316L Stainless Steel Powder for the Civil Nuclear Sector ICONE26-81438

William Kyffin¹ David Gandy² Barry Burdett³

1. Nuclear AMRC, Rotherham, United Kingdom; 2. Electric Power Research Institute, Charlotte, NC, USA; 3. W B Burdett Associates, Truro, United Kingdom

Towards in situ Thermomechanical Property Monitoring during Ion Beam Irradiation: Benchmark Studies on Pure Copper

ICONF26-82014

Cody Dennett1 Khalid Hattar2 Michael Short1

- 1. Massachusetts Institute of Technology, Cambridge, MA, USA;
- 2. Sandia National Laboratories, Albuquerque, NM, USA

Quantifying Radiation Damage in Materials using Stored Energy Fingerprints ICONE26-82403

Charles Hirst, Rachel Connick, Penghui Cao, Kangpyo So, R. Scott Kemp, Michael Short

Massachusetts Institute of Technology, Cambridge, MA, USA

Welded Joint Evaluation for Chromium Controlled Carbon Steel Piping to Improve FAC Resistance ICONE26-81913

Yoshio Uemoto, Takahiro Kawabe, Hiroyuki Shibata, Shoh Tarasawa, Hiroshi Asano, Junya Kaneda Hitachi-GE Nuclear Energy, Ltd., Hitachi-shi, Japan

Oxidation Behaviors of Titanium Hydride and its Effect on the Desorption of Hydrogen ICONE26-82271

Lei Wang, Mingwang Ma, Binghua Tang

Institute of Electronic Engineering, China Academy of Engineering Physics, Mianyang, China

Comparison of the Oxide Films Formed on 308L and 309L **Cladding Alloys in Simulated Pressurized Water Reactor Primary** Water Environments ICONE26-82662

Zhanpeng Lu1 Qi Xiong2

1. Shanghai University, Shanghai, China; 2. Shanghai University, School of Materials Science and Engineering, Shanghai, China

Nuclear Safety, Security, and Cyber Security

6-9 **Radioactive Material Transport and** Management

Thursday July 26

Room Epernay | 11:00 - 13:00

Session Chair: Kazuyuki Demachi, University of Tokyo, Tokyo, Japan Session Co-Chair: Dongyuan Meng, China Institute for Radiation Protection, Taiyuan, Shanxi, China

Identification of Gas Accumulation Susceptibility in NPP's Safety Related Systems and Operability Evaluation due to Gas

Transportation ICONE26-81074

Pei-Hsun Huang, Zhen-Yu Hung, Chao-Jen Li industrial Technology Research Institute, Hsinchu, Taiwan

Facilities and Experience on Impact Test of Packages for Radioactive Materials Transport ICONE26-81451

Guoqiang Li, Dajie Zhuang, Xuexin Wang, Dongyuan Meng, Jiangang Zhang, Hongchao Sun, Shutang Sun, Anping Ma China Institute for Radiation Protection, Taiyuan, China

Preliminary Design of Unloading Device for MNSR LEU

Conversion ICONE26-81520

Hao Qian, Yiguo Li, Peng Dan, Wu Xiaobo, Lu Jin, Hong Jingyan, Jinhua Zhang, Mengjiao Wang China Institute of Atomic Energy, Beijing, China

Vibration Reduction Design for Radiation Material Transport Package with Finite Element Method ICONE26-81862

Dongyuan Meng, Shutang Sun, Hongchao Sun, Guoqiang Li, Lei Chen China Institute for Radiation Protection, Taiyuan, China

Tests of the Package for the Transport of Natural Uranium Hexafluoride ICONE26-82151

Hongchao Sun, Guoqiang Li, Dajie Zhuang, Shutang Sun, Dongyuan Meng, Yiren Lian, Chen Lei, Jiangang Zhang China Institute for Radiation Protection, Taiyuan, China

Segmented 13 Scanning Device and its Experimental

Research ICONF26-82327

Suxia Hou, Chen Chen, Quanhu Zhang, Xianghua Su, Wenming Zuo Xi'an High-tech Research Institute, Xi'An, China

Nuclear Safety, Security, and Cyber Security

6-10 Security of SMRs and Advanced Reactors II

Thursday July 26

Room **Bouzy** | 11:00 – 13:00

Session Chair: Hongxing Yu, Nuclear Power Institute of China, Chengdu, Sichuan Province, China

Session Co-Chair: Munemichi Kawaguchi, Japan Atomic Energy Agency, Tsuruga-shi, Japan

Evaluation Method of Response Reliability during an Accident and its Applicability to Fast Reactor Plants ICONE26-82567

Masaaki Suzuki1 Kazuyuki Demachi2 Shigeru Takaya3 Yoshitaka Chikazawa3

1. Tokyo University of Science, Chiba, Japan; 2. The University of Tokyo, Tokyo, Japan; 3. Japan Atomic Energy Agency, Ibaraki, Japan

Hangers and Supports Fault Analysis of High Temperature Sodium Pipelines for Sodium-Cooled Fast Reactor ICONE26-81832

Changzhi Xiao, Yuan Lu

China Institute of Atomic Energy, Beijing, China

Discussion About Sodium-Concrete Reaction in Presence of Internal Heater ICONE26-82233

Munemichi Kawaguchi¹ Miyahara Shinya² Uno Masayoshi² 1. Japan Atomic Energy Agency, Tsuruga-shi, Japan; 2. University of Fukui, Tsuruga-shi, Japan

Numerical Simulation of Debris Bed Relocation Behavior in Sodium-Cooled Fast Reactor ICONE26-82493

Chunming Teng, Bin Zhang, Jianqiang Shan Xi'an Jiao Tong University, Xi'an, China

Tritium Transport Characteristics Analysis in Molten Salt Reactor under Transient Conditions ICONE26-81728

Hao Qin1 Chenglong Wang1 Suizheng Qiu2

Dalin Zhang1 Wenxi Tian1 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Sensitivity Analysis of Burnup Performance and Pu Mass Balance by Changing Core and Blanket Fuel Design of SFR for Flexible Pu Management Options ICONE26-82618

Rie Fujioka1 Hiroshi Sagara1 Chi Young Han2

1. Tokyo Institute of Technology, Tokyo, Japan; 2. Tokyo Institute of Technology, Meguro-ku, Japan

Thermal-Hydraulics and Safety Analyses

Boiling Heat Transfer and Behavior II

Thursday July 26

Room Alsace | 11:00 - 13:00

Session Chair: Roman Mukin, Paul Scherrrer Institute, Switzerland

Sensitivity of CTF Solution to Subchannel Window Size

ICONE26-82546

Roman Mukin¹ Ivor Clifford¹ Marcus Seidl² Hakim Ferroukhi³

1. Paul Scherrrer Institute, Villigen, Switzerland; 2. PreussenElektra GmbH (former E.ON Kernkraft GmbH), Hannover, Germany; 3. Paul Scherrer Institut / Laboratory for Reactor Physics and Systems Behaviour, Villigen, Switzerland

On the Liquid Film Flow Characteristics during the Rewetting in the Single Rod Air-Water System ICONE26-82491

Yuki Wada¹ Dan Le² Akira Satou¹ Sibamoto Yasuteru³ Taisuke Yonomoto¹ 1. Japan Atomic Energy Agency, Tokai-mura, Japan; 2. Japan Atomic Energy Agency, Ibaraki, Japan; 3. Japan Atomic Energy Agency, Naka, Japan

A Brief Review of Computational Intelligence Techniques for Critical Heat Flux Prediction ICONE26-82325

Botao Jiang1 Yanni Liu2

1. Xi'an Polytechnic University, China; 2. Xi'an Jiao Tong University, Xi'an, China

Experimental Investigation on Critical Heat Flux from Downward-Facing Flat Plate for Different Orientation Angles ICONE26-81844

Kuanghan Deng¹ Yan Zhang¹ Chenglong Wang¹ Yapei Zhang¹ Wenxi Tian1 Guanghui Su1 Suizheng Qiu2 Yun Wang3

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China; 3. Nuclear Power Institute of China, Chengdu, China

Experimental Study on the Critical Heat Flux of Nanofluid Flow Boiling under Different Conditions ICONE26-81752

Yun Wang¹ Kuanghan Deng² Junmei Wu² Nina Yue¹ Yuanfeng Zan1 Guanghui Su2 Suizheng Qiu3

1. Nuclear Power Institute of China, Chengdu, China; 2. Xi'an Jiao Tong University, Xi'an, China; 3. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Transient Boiling and Cross Flow in 5x5 Rod Bundle with Rapid Heating ICONE26-81496

Hiroki Takiguchi¹ Masahiro Furuya¹ Takahiro Arai² Kenetsu Shirakawa²

- 1. Central Research Institute of Electric Power Industry, Yokosuka, Japan;
- 2. Central Research Institute of Electric Power Industry, Kanagawa, Japan

Thermal-Hydraulics and Safety Analyses

Supercritical Fluids II

Thursday July 26

Room Muscadet | 11:00 - 13:00

Session Chair: Shenghui Liu, Nuclear Power Institute of China, China

Analysis of Unsteady Flow in a Supercritical Carbon Dioxide Radial Compressor Stage ICONE26-82183

Can Ma, Wei Wang, Jun Wu, Lu Dai

Wuhan Second Ship Design and Research Institute, Wuhan, China

An Experimental Study on a Straight-Channel Printed Circuit Heat Exchanger for Supercritical CO, Power Cycle Applications

ICONE26-81588

Aiwei Xu, Yanping Huang, Junfeng Wang Nuclear Power Institute of China, Chengdu, China

Investigation of Supercritical CO2 Thermal Hydraulic Characteristics in a Printed Circuit Heat Exchanger ICONE26-81581

Wen Fu, Xizhen Ma, Peiyue Li, Minghui Zhang, Sheng Li Luoyang Ship Material Research Institute, Luoyang, China

Numerical Investigation of Buoyancy Effect on Forced Convective Heat Transfer to Supercritical Carbon Dioxide Flowing in a Heated

Tube ICONE26-81450

Shenghui Liu, Yanping Huang, Guangxu Liu, Junfeng Wang Nuclear Power Institute of China, Chengdu, China

Thermal-Hydraulics and Safety Analyses

8-31 Thermal-hydraulic Modeling: 1st Principle **Physics and Correlations II**

Thursday July 26

Room Fronsac | 11:00 - 13:00

Session Chair: Atsushi Kodama, Mitsubishi Heavy Industries, Ltd., Japan

Numerical Study on Streamwise Vorticity and Entrainment Enhancement of a Round Jet ICONE26-81794

Bangming Li¹ Qi Xiao² Yong Li¹ Xu Hu¹ Wei Wang²

1. Key Lab. on Steam Power System, Wuhan Second Ship Design and Research Institute, Wuhan, China; 2. Wuhan Second Ship Design and Research Institute, Wuhan, China

Impairment of Local Heat Transfer of the Turbulent Mixed Convection in a Vertical Flat Plate ICONE26-82010

Myeong-Seon Chae, Bum-Jin Chung Kyung Hee University, Yongin-si, Korea

Development of Evaluation Method for Thermal Stratification by Cavity Flow in a Vertical Branch Pipe with Elbow and Horizontal

Section: Experimental Results ICONE26-81143

Atsushi Kodama, Yoshiteru Komuro, Keiichi Hori, Hironori Noguchi, Yoshiyuki Kondo, Koichi Tanimoto Mitsubishi Heavy Industries, Ltd., Hyogo, Japan

Development of Evaluation Method for Thermal Stratification by Cavity Flow in a Vertical Branch Pipe with Elbow and Horizontal Section: Modeling of Evaluation Method ICONE26-81144

Atsushi Kodama, Yoshiteru Komuro, Keiichi Hori, Hironori Noguchi, Yoshiyuki Kondo, Koichi Tanimoto Mitsubishi Heavy Industries, Ltd., Hyogo, Japan

Analysis and Parallel Implementation of Transient Thermal Feedback in Neutron Kinetics Calculation ICONE26-81442

Pingzhou Ming, Zhigang Li, Ping An, Wei Lu, Dong Liu, Hongxing Yu Nuclear Power Institute of China, Chengdu, China

Developing an Accident Tolerant Fuel for Water-Cooled Reactors: Numerical Simulation and Validation of Natural Convection Heat Transfer and Transport in Packed Beds of Heated

Microspheres ICONE26-82456

Olugbenga O Noah, Johan Slabber, Josua P Meyer University of Pretoria, Pretoria, South Africa

Thermal-Hydraulics and Safety Analyses

Modeling NPPs Using System Analysis Software II

Thursday July 26

Room Reims | 11:00 - 13:00

Session Chair: Pavel Kral, UJV Rez (NRI), Czech Republic

Thermal Hydraulic Analyses for PTS Evaluation: Comparison of Temperature Fields at RPV Predicted by System TH Code and CFD

Code ICONE26-81007

Pavel Kral, Ladislav Vyskocil

UJV Rez (NRI), Husinec - Rez, Czech Republic

Effect of Ocean Conditions on Neutronic/Thermal-Hydraulic Coupling of IPWR ICONE26-81080

Genglei Xia

Harbin Engineering University, Harbin, China

Probable Causes of Unexpected Multiple Destructions of Heat Exchanger Tubes of Some Low Pressure Reheaters on Nuclear Power Plants with VVER-1000 ICONE26-81083

Mikhail Gotovsky, Alexander A. Lanin, Vladimir E. Mikhailov,

Yuri G. Sukhorukov, Nikolay N. Trifonov

Polzunov Institute, Saint Petersburg, Russia

Research on Steam Generator False Water Level Calculation Improvement for PWR NPP Simulation Program ICONE26-81128 Junying Hong1 Zhao Xu2

1. CNPE, Beijing, China; 2. CNNC China Nuclear Power Engineering Co., Ltd., Beijing, China

A Simulation of Small Break Loss of Coolant Accident in Nuclear Heating Reactor based on RELAP5 ICONE26-81416

Meng Lu, Heng Xie

Tsinghua University, Beijing, China

Thermal Hydraulic Analysis of Pressurized Thermal Shock for **Loviisa NPP using Apros Simulation Code ICONE26-81558**

Gintaras Zemulis¹ Pasi Junninen² Petri Kytömäki³

- 1. Fortum Power and Heat Oy, Espoo, Finland; 2. Platom Oy, Mikkeli, Finland;
- 3. Fortum Power and Heat Oy/Loviisa NPP, Loviisa, Finland

Computational Fluid Dynamics (CFD)

9-9 **Phase Change**

Thursday July 26

Room Cremant | 11:00 - 13:00

Session Chair: Susumu Yamashita, Japan Atomic Energy Agency, Japan Session Co-Chair: Gregory M. Cartland-Glover, Science and Technology Facilities Council, Scientific Coumputing Department,, United Kingdom

Modelling Frozen Salt Films in a Molten Salt Fast Reactor

ICONE26-82210

Gregory M. Cartland-Glover¹ Stefano Rolfo² Dzianis Litskevich³ Alex Skillen¹ David Emerson² Bruno Merk³ Charles Moulinec¹

1. Science and Technology Facilities Council, Scientific Computing Department, Warrington, United Kingdom; 2. STFC Daresbury Laboratory, Warrington, United Kingdom; 3. University of Liverpool, Liverpool, United Kingdom

CFD Analysis on Wall Boiling Model during Subcooled Boiling in **Vertical Narrow Rectangular Channel ICONE26-81554**

Tingting Ren, Changqi Yan, Meiyue Yan, Shengzhi Yu Harbin Engineering University, Harbin, China

CFD Modeling of Condensation inside Emergency Condensers of Passive Heat Removal Systems ICONE26-81846

Amirhosein Moonesi Shabestary, Dirk Lucas, Eckhard Krepper Helmholtz-Zentrum Dresden - Rossendorf, Dresden, Germany

Development of Numerical Simulation Method to Evaluate Molten Material Behaviors in Nuclear Reactors: Estimation of Fuel Debris Distribution in the Pedestal ICONE26-82088

Susumu Yamashita. Hirovuki Yoshida Japan Atomic Energy Agency, Tokai-Mura, Japan

Validation of a CFD Code for the Analysis of Hydrogen Behaviors and Thermal Hydraulics in Containments ICONE26-82192

Meilan Chen¹ Zeming Zheng²

- 1. China Nuclear Power Technology Research Institute, Shenzhen, China;
- 2. Sun Yat Sen University, Guangzhou, China

CFD Simulations of Aerosol Dispersion and Agglomeration during the Laser Cutting of Fukushima Fuel Debris Simulants

ICONE26-82408

Thomas Gelain¹ Emmanuel Porcheron¹ Christophe Chagnot² Damien Roulet³

- 1. IRSN, Gif sur Yvette, France; 2. CEA, Gif sur Yvette, France;
- 3. ONET, Pierrelatte, France

Decontamination & Decommissioning, Radiation Protection, and Waste Management

10-3 **Decommissioning and Sources**

Thursday July 26 Room Mouton Cadet | 11:00 - 13:00

Session Chair: Naoko Watanabe, Hokkaido University, Japan

Session Co-Chair: Giorgio Locatelli, University of Leeds, United Kingdom

iDROP: An Innovative Software Program to Design Nuclear **Decommissioning Scenarios ICONE26-81147**

Caroline Chabal¹ Vincent Perrot¹ Mehdi Ben Mosbah¹ Yves Soulabaille² Jean-Claude Thieblemont²

Fabien Chaffard² Yann Chevalier¹ Laurent Chodorge³

1. CEA DEN, Bagnols sur Ceze, France; 2. CEA, Bagnols sur Ceze, France; 3. CEA, Gif sur Yvette, France

Applying Statistics to Improve the Performance of Nuclear

Decommissioning Projects ICONE26-81428

Diletta Colette Invernizzi, Giorgio Locatelli, Naomi J Brookes University of Leeds, Leeds, United Kingdom

Cost Analysis for Decommissioning of Nuclear Power Plants with

Uncertainties ICONE26-82572

Naoko Watanabe¹ Ryohei Miyoshi¹ Tamotsu Kozaki¹

Shingo Tanaka¹ Satoshi Yanagihara²

1. Hokkaido University, Sapporo, Japan; 2. University of Fukui, Tsuruga-shi, Japan

Modelling on Source Term Calculation of Sodium Fast Reactor in Severe Accident and Normal Operating Condition ICONE26-81241

Fenglong Wang

CIAE, Beijing, China

An Inverse Method to Estimate Emission Rates of Multi-Radionuclides based on an Ensemble 4DVar Method with Local Gamma Dose Rate Measurements ICONE26-81609

Xiaobing Geng, Mei Xu, Biao Yuan, Lijun Zhang Institute of NBC Defense, PLA Army, Beijing, China

R&D Status on Safety Regulation related to Decommissioning of Nuclear Facilities in Korea ICONE26-81678

Jungjoon Lee, Kyungwoo Choi

Korea Institute of Nuclear Safety, Daejeon, Korea

Innovative Nuclear Power Plant Design and SMRs

13-4 **Advanced Reactors II**

Thursday July 26

Room Talbot | 11:00 - 13:00

Session Chair: Hirota Noriaki, Japan Atomic Energy Agency, Japan

Extended Ultimate Response Measures for Offshore Nuclear Power Plant under Barge-Reactor Coupled Conditions

ICONE26-81159

Jue Wang¹ Longze Li¹ Chen Hu¹ Wang Cong²

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Naval University of Engineering, Wuhan, China

Preliminary LOCA Analysis of Heating-Reactor of Advanced Low-pressurized and Passive Safety System (HAPPY)

ICONE26-81271

Mian Xing, Zhaocan Meng, Xiaotao Liao, Canhui Sun, Shuming Zhang, Yaodong Chen, Xiao Hu, Peidong Sun, Huijing Jiang State Power Investment Central Research Institute, Beijing, China

A Multi-Objective Optimization of the Reactor Power Plant

ICONE26-82239

Lei Chen¹ Jia Zhen¹ Wang Cong² Gong Zili¹ Yi Liao¹ Chen Hu¹

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China;
- 2. Naval University of Engineering, Wuhan, China

iB1350: Part 1 - A Generation III.7 Reactor iB1350 and Defense in Depth (DiD) ICONE26-82428

Takashi Sato¹ Keiji Matsumoto¹ Kenji Hosomi¹ Keisuke Taguchi²

- 1. Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan;
- 2. Toshiba Energy Systems & Solutions Corporation, Kawasaki, Japan

iB1350: Part 2 - Level 1 PRA Considering Optimization of Safety Systems for the iB1350 ICONE26-82552

Go Tanaka, Takashi Sato, Yuji Komori, Keiji Matsumoto Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan

Risk Assessments and Management

Risk Assessment and Management III

Thursday July 26

Room Cognac | 11:00 - 13:00

Session Chair: Ge Shao, Shanghai Nuclear Engineering Research & Design Institute Co. Ltd, China

Dynamic Fault Tree Analysis based on Dynamic Uncertain Causality Graph ICONE26-81636

Zhenxu Zhou, Chunling Dong, Qin Zhang Tsinghua University, Beijing, China

A PSA Case Study: Promoting the Reliability of the CRSS on the **CMRR through the ATWS Mitigation System ICONE26-81755**

Heng Yu, Guan-bo Wang, Da-zhi Qian, Yu-chuan Guo, Bo Hu China Academy of Engineering Physics, Mianyang, China

The Necessity of Independent Configuration of the DC Power Supply System Used for Power Supply and Auxiliary Power Supply in Nuclear Power Plant ICONE26-81774

Zhang Zhichao

State Nuclear Power Demonstration Plant Co., Ltd, Rongcheng, China

Reliability Prediction for the Squib Valve of Advanced Passive PWR by Hardened Test Method ICONE26-81822

Ge Shao, Qinfang Zhang

Shanghai Nuclear Engineering Research & Design Institute Co. Ltd, Shanghai,

Incorporation of the Radioactive Interinfluence in Multi-Unit Seismic PRA ICONE26-81928

Shuhei Matsunaka¹ Chikahiro Sato² Manabu Watanabe³

1. Tepco Systems Corporation, Tokyo, Japan; 2. Tepco Systems Corporation, Kotoku, Japan; 3. Tokyo Electric Power Company Holdings, Inc., Chiyoda-ku, Japan

Computer Code Verification and Validation

15-2 **V&V** of High Fidelity Numerical Tools

Thursday July 26

Room Lalande | 11:00 - 13:00

Session Chair: Timothy Valentine, Oak Ridge National Laboratory, USA Session Co-Chair: Tangpei Cheng, CAEP Software Center for High Performance Numerical Simulation, China

OECD-NEA Expert Group on Multi-Physics Experimental Data, Benchmarks and Validation ICONE26-81571

Timothy Valentine¹ Kostadin Ivanov² Maria Avramova² Alessandro Petruzzi³ Jean-Pascal Hudelot⁴ Upendra Rohatgi⁵ Kiril Velkov6

1. Oak Ridge National Laboratory, Oak Ridge, TN, USA; 2. North Carolina State University, Raleigh, NC, USA; 3. Nuclear and INdustrial Engineering (NINE), Lucca, Italy; 4. CEA Cadarache, Saint Paul Lez Durance, France; 5. Brookhaven National Laboratory, Upton, NY, USA; 6. GRS, Garching bei München, Germany

A Discontinuous Finite Method for Neutron Transport Equations on 3-D Unstructured Grids ICONE26-81826

Junxia Wei, Shulin Yang

Institute of Applied Physics and Computational Mathematics, Beijing, China

Assessment of Time and Space High-Order Schemes for Two-Fluid Seven-Equation Two-Pressure Model using the Reversed Water Faucet Problem ICONE26-81942

Fei Chao, Jiangiang Shan, Junli Gou, Pan Wu, Li Ge Xi'an Jiao Tong University, Xi'an, China

CFD Validation with a PIV Provided Experimental Data for the **Coolant Velocity Measurement in Reactor Vessel Down-Comer**

ICONF26-82212

Abdelgadir Eltayeb, Sichao Tan, Ayodeji A. Ala, Nisrene M.Ahmed, Zhang Qi Harbin Engineering University, Harbin, China

JSNT-S: A Parallel 3D Discrete Ordinates Radiation Transport Code on Structured Mesh ICONE26-82252

Tangpei Cheng1 Zeyao Mo2 Chao Yang2 Lili Wen2 Li Deng2

1. CAEP Software Center for High Performance Numerical Simulation, Beijing, China; 2. Institute of Applied Physics and Computational Mathematics, Beijing, China

Simulation of JAERI Downcomer Effective Water Head Experiments with WCOBRA/TRAC-TF2 ICONE26-82610

Jeffrey Kobelak, Jun Liao, Katsuhiro Ohkawa Westinghouse Electric Company, Cranberry Twp., PA, USA

13:00 - 14:00

Chablis Suite, Ground Floor

LUNCH

14:00 - 16:00

TECHNICAL SESSIONS

Plant Systems, Structures, Components and Materials

3-3 Design Analyses I

Thursday July 26

Room Chalon | 14:00 - 16:00

Session Chair: Asif Arastu, Unisont Engineering, Inc., USA

Session Co-Chair: Ziduan (Joshua) Shang, Shanghai Nuclear Engineering R & D Institute (SNERDI), China

Study on the Mechanism and Characteristics of Transient Noise of the Steam Discharge Pipes ICONE26-81938

Lu Dai, Zhiguo Wei, Jun Wu, Yong Liu, Can Ma, Qi Xiao Wuhan Second Ship Design and Research Institute, Wuhan, China

Design of the Sampling Measurement and Radiochemistry Lab in the Nuclear Island of HTR-PM ICONE26-81701

Menggi Lou¹ Wengian Li¹ Feng Xie² Jianzhu Cao²

Liqiang Wei² Jiejuan Tong² Jiaji Kong³

1. Tsinghua University, Beijing, China; 2. Institute of Nuclear and New Energy Technology, Tsinghua University, Beijing, China; 3. Chinergy Company, LTD, Beijing, China

A Recommended Method for SC Wall Design-Evaluation Regarding the Elasto-Plastic Behavior under Beyond Design Basis Seismic Loading ICONE26-81088

Ziduan (Joshua) Shang, Xiao Huang, Yugang Sun, Meng Chu Shanghai Nuclear Engineering R & D Institute (SNERDI), Shanghai, China

The Design and Research on Steam Dump Valve in Turbine By-Pass System-A of ACP1000 ICONE26-81363

Hou Ting, Yu Pei

China Nuclear Power Engineering Co., Ltd., Beijing, China

Eulerian Two-Fluid Model for Aerosol Removal in Filtered Containment Venting Scrubbers ICONE26-81506

Ji-Su Kim1 Jong Woon Park2 Minkyung Kim1

1. Dongguk University, Gyeongju, Korea; 2. Dongguk University, Dept. Nuclear & Energy Eng., Gyeongju, Korea

Advanced Reactors and Fusion Technologies

5-6 **Fission Reactors Design and Analyses II**

Thursday July 26 Room Bouzy | 14:00 - 16:00

Session Chair: Rosa Lo Frano, Univeristy of Pisa, Italy

Session Co-Chair: Jovica Riznic, Canadian Nuclear Safety Commission, Canada

The EUR Assessment Process and Highlights of the Compliance Analysis for the EU-APR Standard Design ICONE26-81889

Cedric Declercq1 Andrew Ballard2 Giovanni Ferraro3 Anicet Touré1

1. Tractebel ENGIE, Brussels, Belgium; 2. Tractebel ENGIE, Manchester, United Kingdom; 3. EDF, DIPNN/SEPTEN, Lyon, France

An Instrument Established for the High Temperature Measurement of Ultraviolet-Visible Absorption Spectra of Molten Fluoride Salt Behaving As Coolant in the Molten Salt Reactor

ICONF26-82013

Hongtao Liu, Yiyang Liu, Tao Su

Shanghai Institute of Applied Physics (SINAP), Chinese Academy of Sciences (CAS), ShangHai, China

Development of Oxygen Sensors for Large HLM-Pool Reactor Systems ICONE26-82232

Serena Bassini, Ivan Di Piazza, Mariano Tarantino

ENEA C.R. Brasimone, Camugnano, Italy

Thermal-Hydraulic Evaluation of Design Concept of Containment Pressure and Radioactivity Suppression System (CPRSS) for SMR

ICONE26-82671

Kyung Jun Kang¹ Ji-Han Chun¹ Han-Ok Kang¹

Seong Su Jeon² Soon-Joon Hong³

1. Korea Atomic Energy Research Institute, Daejeon, Korea; 2. FNC Technology, Yongin-si, Korea; 3. FNC Technology Co., Ltd., Gyeonggi-Do, Korea

Design and Safety Features Analysis of the 2MW Chinese Thorium Molten Salt Test Reactor TMSR-LF1 ICONE26-82689

Chong Zhou

Shanghai Institute of Applied Physics, Chinese Academy of Sciences, Shanghai,

Nuclear Safety, Security, and Cyber Security

Nuclear Accidents II

Thursday July 26

Room Epernay | 14:00 - 16:00

Session Chair: Mohammad Pourgol Mohammad, Independent Consultant, Boston, MA, USA

Session Co-Chair: Deyang Xu, China Nuclear Power Technology Research Institute, Shenzhen, China

Development of Experimental Technology for Simulated Fuel-Assembly Heating to Address Core-Material-Relocation **Behavior during Severe Accident ICONE26-81411**

Yuta Abe1 Yamashita Takuya2 Ikken Sato2

Toshio Nakagiri² Akihiro Ishimi¹ Yuji Nagae²

1. Japan Atomic Energy Agency, Oarai-machi, Japan; 2. Japan Atomic Energy Agency: JAEA, International Research Institute for Nuclear Decommissioning: IRID, Oarai-machi, Japan

Preliminary Hazard Analysis of Uranium Hexafluoride Accident

ICONE26-81956

Chen Lei, Jiangang Zhang, Guoqiang Li,

Shutang Sun, Dongyuan Meng, Ning Wang

China Institute for Radiation Protection, TaiYuan, China

LBLOCA Initiated Emergency Condition Analysis for a China

Three-Loop PWR ICONE26-81960

Ning Wang, Chen Lei, Jiangang Zhang, Yapeng Yang,

Xiaoxiao Xu, Zongyang Feng, Linsheng Jia

China Institute for Radiation Protection, Taiyuan, China

Analysis of Hydrogen Source Term in Severe Accidents

ICONE26-82162

Devang Xu. Meilan Chen

China Nuclear Power Technology Research Institute, Shenzhen, China

Research on the Influence of Complex Terrain on Atmospheric **Dispersion after Accident ICONE26-81378**

Nan Wu, Na Xue, Xinjian Liu

China Nuclear Power Engineering Co., Ltd., Beijing, China

Study of Leakage Location for a Dry Storage of Spent Fuel under **Accident Condition by Simulation of Radionuclide Diffusion**

ICONE26-82606

Liwei Chen, Tao He, Chunhua Chen

Key Laboratory of Neutronics and Radiation Safety, Institute of Nuclear Energy Safety Technology, Hefei, China

Thermal-Hydraulics and Safety Analyses

8-3 Severe Accident Experiments and Analyses I

Thursday July 26

Room Mouton Cadet | 14:00 - 16:00

Session Chair: Guanghui Su, Xi'an Jiaotong University, China

Experimental Investigation on Steam Jet Condensation in Subcooled Water through Double Nozzle ICONE26-81118

Weichao Li, Zhaoming Meng, Zhongning Sun, Jiaging Liu Harbin Engineering University, Harbin, China

Three-Dimensional Numerical Study on Pool Stratification Behavior in Molten Corium-Concrete Interaction (MCCI) with MPS Method ICONF26-82037

Xin Li1 Ikken Sato2 Akifumi Yamaji3 Guangtao Duan4

1. Japan Atomic Energy Agency, Ibaraki-ken, Japan; 2. Japan Atomic Energy Agency: JAEA, International Research Institute for Nuclear Decommissioning: IRID, Oarai-machi, Japan; 3. Waseda University, Shinjyuku-ku, Japan;

4. Waseda University, Tokyo, Japan

Simulation of Hydrogen Distribution due to In-Vessel Severe Accident in WWER-1000 NPP CONTAINment: A Comparison of **CONTAIN and MELCOR Codes Results** ICONF26-82635

Omid Noorikalkhoran, Massimiliano Gei Cardiff University, Cardiff, United Kingdom

Severe Accident Analysis with Spatial Discretized Model by MAAP: Part 1 - Parametric Study on Fukushima-Daiichi Unit-2

ICONF26-82129

Kenichi Kanda¹ Yoshihisa Nishi¹ Kazuma Abe¹ Satoshi Nishimura² Koichi Nakamura² Masahiro Furuya³ Atsushi Ui²

- 1. Central Research Institute of Electric Power Industry, Tokyo, Japan;
- 2. Central Research Institute of Electric Power Industry, Kanagawa, Japan;
- 3. Central Research Institute of Electric Power Industry, Yokosuka, Japan

Study on Thermal-Hydraulics Characteristics of the Flat and High-Thermal-Conductivity Core-Catcher ICONE26-82046

Daiki Takevama¹ Chikako lwaki² Mika Tahara³ Yoichi Onitsuka²

1. Toshiba Corporation, Yokohama, Japan; 2. Toshiba Energy Systems & Solutinos Corporation, Yokohama, Japan; 3. Toshiba Energy Systems & Solutinos Corporation, Kanagawa, Japan

Severe Accident Analysis with Spatial Discretized Model by MAAP: Part 2 - Parametric Study on Fukushima-Daiichi Unit-3

Yoshihisa Nishi¹ Kenichi Kanda¹ Kazuma Abe¹ Satoshi Nishimura² Koichi Nakamura² Masahiro Furuya³ Atsushi Ui²

- 1. Central Research Institute of Electric Power Industry, Tokyo, Japan;
- 2. Central Research Institute of Electric Power Industry, Kanagawa, Japan;
- 3. Central Research Institute of Electric Power Industry, Yokosuka, Japan

Thermal-Hydraulics and Safety Analyses

Thermal-hydraulic Experiments II

Thursday July 26

Room Alsace | 14:00 - 16:00

Session Chair: Yingwei Wu, Xi'an Jiaotong University, China

X-Ray CT Visualization of Boiling Two-Phase Flow and Precipitation Profile of Sea Water and Borated Water in 5x5 Heated-Rod Bundle ICONE26-82658

Masahiro Furuya¹ Hiroki Takiguchi¹ Takahiro Arai² Riichiro Okawa¹ 1. CRIEPI, Yokosuka, Japan; 2. CRIEPI, Kanagawa, Japan

An Experimental Study of Liquid Flooding in Vertical Large Scale Rectangular Channel with the Counter-current Flow of Air and

Water Film ICONE26-82478

Kashuai Du, Po Hu, Shuwei Zhai, Xiaojie Yang, Weibo Wang Shanghai Jiao Tong University, Shanghai, China

Time-Resolved Velocity Measurements in a Matched Refractive **Index Facility of Randomly Packed Spheres ICONE26-82425**

Ethan Kappes¹ Thien D. Nguyen² Mateusz Marciniak¹ Stephen King¹ Yassin Hassan1 Victor Ugaz1 Andrew Mills1 Robert Muyshondt1 1. Texas A&M University, College Station, TX, USA; 2. Texas A&M Nuclear Engineering, College Station, TX, USA

SIRIO: An Experimental Facility for a New Heat Removal System Passively Controlled by Non-Condensable Gases ICONE26-82379

Ranieri Marinari¹ Mariano Tarantino² Francesco Saverio Nitti²

Alessandro Alemberti³ Marco Caramello³ Andrea Achilli⁴

Roberta Ferri4 Emanuele Rizzo5 Fabio Giannetti5

- 1. University of Pisa, Pisa, Italy; 2. ENEA C.R. Brasimone, Camugnano, Italy;
- 3. Ansaldo Nucleare, Genova, Italy; 4. Siet S.p.A, Piacenza, Italy; 5. SRS s.r.l., Roma, Italy

Experimental Investigation and Model Analysis on Upper Plenum Entrainment in AP1000 ICONE26-82303

Xiang Yan¹ Yingwei Wu¹ Mingjun Wang¹ Wenxi Tian¹

Suizheng Qiu2 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Experimental Investigation on Boiling Flow Characteristics under Passive IVR-ERVC Conditions ICONE26-82254

Fan Wang, Bo Kuang, Pengfei Liu, Longkun He

Shanghai Jiao Tong University, Shanghai, China

Thermal-Hydraulics and Safety Analyses

Thermal-Hydraulic Modeling: 1st Principle 8-32 **Physics and Correlations III**

Thursday July 26

Room Fronsac | 14:00 - 16:00

Session Chair: John Crepeau, University of Idaho, USA

The Effect of Functional Spacers on the Liquid Film Thickness and Dryout in a BWR Fuel Bundle Model ICONE26-81602

Christian Bolesch¹ Lukas Robers¹ Robert Zboray² Horst-Michael Prasser¹ 1. ETH Zurich, Zürich, Switzerland; 2. Pennsylvania State University, University Park, PA, USA

Study on the Influence of the Heaving Condition on the Pressure Drop Characteristics of the Two-Phase Flow in the Circular Tube

ICONF26-81031

Tianzhou Xie, Jianjun Xu, Bingde Chen, Wei Bao Nuclear Power Institute of China, Chengdu, China

Fourier-Bessel Series Model for the Stefan Problem with Internal Heat Generation in Cylindrical Coordinates ICONE26-81009

Lyudmyla Barannyk¹ John Crepeau¹ Patrick Paulus¹ Ali Siahpush²

- 1. University of Idaho, Moscow, ID, USA;
- 2. Southern Utah University, Cedar Clty, UT, USA

Countercurrent Flow Limitation at Sharp-edged Upper End in Vertical Pipes ICONE26-81039

Michio Murase¹ Koii Nishida² Akio Tomiyama³

1. Institute of Nuclear Safety System, Inc., Mikata-gun, Japan; 2. Institute of Nuclear Safety System, Inc., Mihama-cho, Japan; 3. Kobe University, Kobe-shi,

Interfacial Drag Force Improvement in Two-fluid Model

ICONE26-81070

Longxiang Zhu, Jianqiang Shan Xi'an Jiao Tong University, Xi'an, China

First Attempt to Determine a Critical Heat Flux Correlation for Thermalhydraulic System Codes ICONE26-81589

Christopher Herer, Antoine Lejosne IRSN, Fontenay Aux Roses, France

Thermal-Hydraulics and Safety Analyses

8-35 **Modeling NPPs Using System Analysis** Software IV

Thursday July 26

Room Reims | 14:00 - 16:00

Session Chair: Kai Kosowski, PreussenElektra GmbH (former E.ON Kernkraft GmbH), Germany

External Hazard Coinciding with Small Break LOCA Thermohydraulic Calculation with System Code ATHLET

ICONE26-81815

Kai Kosowski, Marcus Seidl

PreussenElektra GmbH (former E.ON Kernkraft GmbH), Hannover, Germany

Feasibility Assessment of Air-Cooling System as an Ultimate Heat Sink of the ATOM System ICONE26-81845

Doyoung Shin1 Gwang Hyeok Seo1 Min Wook Na1

Sung Joong Kim1 Yonghee Kim2 Jeongik Lee2

1. Hanyang University, Seoul, Korea; 2. Korea Advanced Institute of Science and Technology, Daejeon, Korea

Assessment of RELAP/SCDAPSIM for Turbine Trip Transient in NuScale-SMR ICONE26-81861

Katarzyna Skolik¹ Anui Trivedi² M. Perez-Ferragut² Chris Allison²

1. AGH University of Science and Technology, Cracow, Poland;

2. Innovative Systems Software, Ammon, ID, USA

Bleed and Feed Analysis for Loss of Secondary Heat Sink to Support the Development of EOPs ICONE26-81933

Changjiang Yang, Shuliang Huang, Jingxiang Zhan China Nuclear Power Engineering Co., Ltd., Beijing, China

Development of Self-Reliant Thermal Hydraulic and Safety Analysis Software for NPP Design ICONE26-82031

Yu Liu, Jian Deng, Junjie Pan, Zongjian Lu Nuclear Power Institute of China, Chengdu, China

Hydrodynamic Loads Calculation of Pressurizer Safety Valve Discharge Piping using RELAP/SCDAPSIM ICONE26-82035

Shuving Jiang, Zheng Fu, Judith Hohorst Innovative Systems Software, Idaho Falls, ID, USA

Thermal-Hydraulics and Safety Analyses

Fast Reactors: Experiments and Analyses II 8-38

Thursday July 26

Room Bourg | 14:00 - 16:00

Session Chair: Dalin Zhang, Xi'an Jiaotong University, China

Development and Basic Verification of Decay Heat Removal Analysis Code of Sodium-Cooled Fast Reactor ICONE26-81630

Ping Song¹ Dalin Zhang¹ Tangtao Feng¹ Shibao Wang¹ Yapei Zhang1 Mingjun Wang1 Suizheng Qiu2 Guanghui Su1

1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Structure Innovation and Thermal Hydraulics Analysis for Cold Trap of CEFR ICONE26-81533

Chen Zuguo, Xu Yijun, QI Wen-jing

China Institute of Atomic Energy, Beijing, China

The Choose of Decay Heat Removal Systems of SFR ICONE26-81563

Nina Yue¹ Rong Cai¹ Yun Wang¹ Suizheng Qiu² Dalin Zhang³

1. Nuclear Power Institute of China. Chengdu. China: 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China; 3. Xi'an Jiao Tong University, Xi'an, China

Effects of Pump Transient Characteristic Model on Safety Analysis of Sodium-Cooled Fast Reactor ICONE26-82497

Young-Min Kwon, Bao Truong

TerraPower LLC., Bellevue, WA, USA

Computational Fluid Dynamics (CFD)

9-10 Flow Through Complex Structures II

Thursday July 26

Room Cremant | 14:00 - 16:00

Session Chair: Afaque Shams, Nuclear Research and Consultancy Group, Netherlands

Session Co-Chair: Laurent De Moerloose, Ghent University, Belgium Session Co-Chair: Pei Shen, City University of Hong Kong, Hong Kong

Numerical Simulations on Throttle Characteristic with Large Pressure Drop and Optimal Design of the Orifice Plate

ICONE26-81191

Chen Hu¹ Jue Wang¹ Wang Cong² Zili Gong¹

Zhen Jia1 Anmin Yuan1 Lei Chen1 Yi Liao1

- 1. Wuhan Second Ship Design and Research Institute, Wuhan, China:
- 2. Naval University of Engineering, Wuhan, China

Numerical Simulation of Thermal Hydraulic Phenomena during Spray Injection using Lagrangian and Eulerian Approaches

ICONE26-81622

Taehyub Hong, JongWook Go, MiRo Seo

Korea Hydro & Nuclear Power Co., Ltd, Daejeon, Korea

Numerical Study of the Amplitude and the Convection Speed of Periodic Large-Scale Vortices in a Square Array of Cylinders Subjected to Axial Flow ICONE26-81730

Laurent De Moerloose, Jeroen De Ridder, Jan Vierendeels, Joris Degroote Ghent University, Ghent, Belgium

Numerical Simulation of Corium Jet Breakup during Fuel-Coolant Interaction based on the ALISA Test Performed at KROTOS Test

Facility ICONE26-81818

Pei Shen¹ Wenzhong Zhou²

1. City University of Hong Kong, Hong Kong, Hong Kong; 2. City University of Hong Kong, Kowloon, Hong Kong

Development of Numerical Simulation Method to Evaluate Molten Material Behaviors in Nuclear Reactors: Preliminary Numerical Simulation for Molten Core Relocation Behavior in BWR and PWR

Cores ICONE26-82565

Yasuo Ose1 Susumu Yamashita2 Hiroyuki Yoshida2

- 1. Yamato System Engineer Co., LTD., Ibaraki, Japan;
- 2. Japan Atomic Energy Agency, Tokai-mura, Japan

Mitigation Strategies for Beyond Design **Basis Events**

11-3 **Ex-Vessel Phenomena**

Thursday July 26

Room Muscadet | 14:00 - 16:00

Session Chair: Alexei Miassoedov, Karlsruhe Institute of Technology,

Parametric Model for Ex-Vessel Melt Jet Breakup and Debris Bed Cooling ICONE26-81465

Kiyofumi Moriyama, Hyun Sun Park, Mooneon Lee, Jin Ho Park POSTECH, Pohang, Korea

Measurement of Dry-Out Heat Flux (DHF) of Debris Beds using a Non-Heating Experimental Methodology ICONE26-82028

Je-Young Moon, Bum-Jin Chung Kyung Hee University, Yongin-si, Korea

Evaluation of Explosivity from Fuel Coolant Interaction Experiments in the TROI Facility ICONE26-82029

Seong Wan Hong, Rae Joon Park KAERI, Daejeon, Korea

The Effect of Initial Condition of Melt Jet on the Jet Breakup Phenomenon in the Subcooled Water Pool ICONE26-82310

Woo Hyun Jung, Hyun Sun Park, Kiyofumi Moriyama, Moo Hwan Kim POSTECH, Pohang, Korea

Innovative Nuclear Power Plant Design and SMRs

13-5 Molten Salt and Supercritical CO, Cooled Reactors

Thursday July 26

Room Talbot | 14:00 - 16:00

Session Chair: Anton Moisseytsev, Argonne National Laboratory, USA Session Co-Chair: Rui Guo, Nuclear Power Institute of China, China

Dynamic Control Analysis of the AFR-100 SMR SFR with a Supercritical CO, Cycle and Dry Air Cooling:

Part I - Plant Control Optimization ICONE26-82292

Anton Moisseytsev, James Sienicki

Argonne National Laboratory, Argonne, IL, USA

Dynamic Control Analysis of the AFR-100 SMR SFR with a Supercritical CO2 Cycle and Dry Air Cooling: Part II - Plant Control under Varying Ambient Conditions ICONE26-82295

Anton Moisseytsev, James Sienicki Argonne National Laboratory, Argonne, IL, USA

A Core Design of Innovative Breeder BWR ICONE26-82079

Rui Guo¹ Akifumi Yamaji² Yun Cai¹ Xingjie Peng¹

1. Nuclear Power Institute of China, Chengdu, China; 2. Waseda University, Shinjyuku-ku, Japan

Upgrade and Shakedown Test of a High Temperature Fluoride Salt Test Loop ICONE26-81222

Xiangbo Kong, Yuan Fu, Jianyu Zhang, Huiju Lu, Naxiu Wang Shanghai Institute of Applied Physics, Chinese Academy of Science, Shanghai, China

Risk Assessments and Management

Risk Assessment and Management IV

Thursday July 26

Room Cognac | 14:00 - 16:00

Session Chair: Byunghyun Choi, Japan Atomic Energy Agency, Japan

Session Co-Chair: Daisuke Taniguchi, Hitachi-GE Nuclear Energy, Ltd., Japan

Upgrade of Accident Sequence Model of PRA for LOCA inside PCV

ICONE26-81959

Shohei Yamagishi1 Shunsuke Tanno1 Teruyoshi Sato1

Toshiteru Saito¹ Masayuki Hiraide² Toshinobu Kita²

- 1. Tepco Systems Corporation, Tokyo, Japan;
- 2. Tokyo Electric Power Company Holidings, Inc., Tokyo, Japan

Development of Fuel Route/Dropped Load PSA for UK ABWR

ICONF26-82022

Daisuke Taniguchi¹ Yuki Ishiwatari¹ Hirokawa Naoki²

- 1. Hitachi-GE Nuclear Energy, Ltd., Hitachi-shi, Japan;
- 2. Hitachi-GE Nuclear Energy, Ltd., Ibaraki-ken, Japan

Epistemic Uncertainty Quantification of Floor Responses for a

Nuclear Reactor Building ICONE26-82034 Byunghyun Choi¹ Akemi Nishida¹ Yinsheng Li²

Ken Muramatsu³ Tsuyoshi Takada⁴

1. Japan Atomic Energy Agency, Chiba, Japan; 2. Japan Atomic Energy Agency, Ibaraki-Ken, Japan; 3. Tokyo City University, Tokyo, Japan; 4. The University of Tokyo, Tokyo, Japan

Study on PRA Procedure Considering Combination of Multiple Events using DQFM Methodology ICONE26-82086

Hirohisa Yamakawa1 Hitoshi Muta2

- 1. Tokyo City University, Setagaya-ku, Japan;
- 2. Tokyo City University, Yokohama, Japan

Application of Level 2 PSA in the Design of Cavity Injection **System for Nuclear Power Plant ICONE26-82095**

Wentao Zhu, WenJing Li

China Nuclear Power Engineering Co., Ltd., Beijing, China

Computer Code Verification and Validation

15-3 **V&V of Systems Analysis Numerical Analysis** Tools I

Thursday July 26

Room Lalande | 14:00 - 16:00

Session Chair: Run Luo, University of South China, China

Stand-alone Containment Analysis of the Phébus FPT-3 Test with the ASTEC and the MELCOR Codes ICONE26-81139

Bruno Gonfiotti¹ Sandro Paci²

1. DICI-University of Pisa, Pisa, Italy; 2. University of Pisa - Dipartimento di Ingegneria Civile ed Industiale, Pisa, Italy

Validation of Film Evaporation Model in GASFLOW-MPI

ICONF26-81249

Yabing Li¹ Han Zhang² Jianjun Xiao¹

- 1. Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany;
- 2. Karlsruhe Institute of Technology, Karlsruhe, Germany

Development of Neutronics and Thermal-Hydraulics Coupled Code for Accelerator Driven Subcritical Systems ICONE26-81276

Run Luo¹ Pengfei Wang² Xinyu Wei² Shripad Revankar³ Fuyu Zhao²

1. University of South China, Hengyang, China; 2. Xi'an Jiao Tong University, Xi'an, China; 3. Purdue University, West Lafayette, IN, USA

Development and Validation of a Correlation for Wet Resuspension Simulation ICONE26-81286

Tobias Jankowski, Marco K. Koch Ruhr-Universität Bochum, Bochum, Germany

A Validation of RELAP on Predicting Nuclear Power Plant

Phenomena ICONE26-81424

Ji Soo Ahn¹ Michael J. Bluck¹ Matthew D. Eaton¹ Christopher Jackson² 1. Imperial College London, London, United Kingdom; 2. Rolls-Royce, Derby, United Kinadom

Uncertainty Analysis of Power Distribution for NESTOR based on the Double Latin Hypercube Sampling Method ICONE26-81441

Hongkuan Liao, Qing Li, Yingrui Yu, Yuying Hu, Lei Wu, Chenlin Wang, Jinyu Wang, Jinghui Wang, Peng Xiao Nuclear Power Institute of China, Chengdu, China

A Simplified Numerical Benchmark for Pool-Type Sodium Fast Reactors ICONE26-82260

Stefan Radman¹ Carlo Fiorina¹ Konstantin Mikityuk² Andreas Pautz^{1, 2} 1. École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland;

2. Paul Scherrer Institute, Villigen, Switzerland

16:00 - 16:30

Chablis Suite, Ground Floor

COFFEE BREAK

16:30 - 18:30

TECHNICAL SESSIONS

Operations & Maintenance, Engineering, Modifications, Life extension, Life Cycle and **Balance of Plant**

1-5 **Equipment Operation and Failure Analysis**

Thursday July 26

Room Bourg | 16:30 - 18:30

Session Chair: William A. Byers, Westinghouse, USA

The Influence of Centrifugal Pump Characteristics on Dynamic **Loadings on Pipelines after Power Failure ICONE26-81825**

Jerzy Marcinkiewicz1 Krzysztof Karaskiewicz2 Claes Joheman3 1. Forsmarks Kraftgrupp AB, Östhammar, Sweden; 2. Warsaw University of Technology, Warsaw, Poland; 3. Ringhals AB, Väröbacka, Sweden

The Evaluation of Nuclear Key Parameters according to Shutdown Length for Two Kinds of Cycle Strategy Cores ICONE26-82495

Jongwoo Lee1 Hwansoo Kim1 Sang-Rin Shon1

Sang-Rae Moon² Ho-Cheol Shin²

1. KEPCO Nuclear Fuel, Deajeon, Korea; 2. KHNP Central Research Institute, Dealeon, Korea

First Generation Magnox Storage Pond Export ICONE26-82710

Chris Medlock

Nuvia, Warrington, United Kingdom

Virtual Prototyping and Simulation of Robotic Devices and Maintenance Procedures for Remote Handling Activities in the

Access Cell of DONES ICONE26-82390

Stefano Papa1 Giuseppe Di Gironimo1 Gioacchino Micciché² Federica Casoria¹

1. University of Naples Federico II, Napoli, Italy; 2. ENEA, Brasimone, Italy

Plant Systems, Structures, Components and Materials

3-4 **Design Analyses II**

Thursday July 26

Room Chalon | 16:30 - 18:30

Session Chair: Ziduan (Joshua) Shang, Shanghai Nuclear Engineering R & D Institute (SNERDI), China

Session Co-Chair: John Sulley, Rolls Royce PLC, United Kingdom

Research of î³-Ray 3D Scanning Detection and Analysis System

ICONE26-81929

Chen Chen, Suxia Hou, Quanhu Zhang, Xianghua Su, Wenming Zuo Xi'an High-tech Research Institute, Xi'an, China

Residual Stress Measurement of Sealing Glass based on Optical

Fiber Sensing Technology ICONE26-82135

Mingze Li, Zhichun Fan, Xingzhong Diao, He Yan Tsinghua University, Beijing, China

The Numerical Simulation of Residual Heat-Removal System's Dead Leg Phenomena in Tianwan 5 and 6 Units ICONE26-81656

Ma Huiyun, Sun Qi

China Nuclear Power Engineering Co., Ltd., Beijing, China

Boric Acid Circulation Analysis of Chemistry and Volume Control

System ICONE26-81660

Sun Qi, Ma Huiyun, Wang Guangfei

China Nuclear Power Engineering Co., Ltd., Beijing, China

Simulation and Analysis of Start-up and Shutdown

Characteristics of Once-through Steam Generator ICONE26-82308

Ye Shangshang, Xiaokun Wang, Hongyi Yang, Yizhe Liu, Xiaoyan Yang, Yang Jun, Shaopu Qi, Lixia Wang

China Institute of Atomic Energy, Beijing, China

Advanced Reactors and Fusion Technologies

Modeling and Simulation II

Thursday July 26

Room Bouzy | 16:30 - 18:30

Session Chair: Rosa Lo Frano, Univeristy of Pisa, Italy

Preliminary Neutronics and Thermal-Hydraulics Study on Thorium-Based HTR-PM with Outer Breeding Zone ICONE26-81975

Qiudong Wang, Bing Xia, Jiong Guo, Ding She, Lei Shi, Zuoyi Zhang Tsinghua University, Beijing, China

Analysis of Vibrations Due to the Steam Condensation at **Sub-Atmospheric Condition ICONE26-82378**

Guglielmo Giambartolomei, Rosa Lo Frano, Daniele Del Serra, Dahmane Mazed, Donato Aguaro DICI-University of Pisa, Pisa, Italy

Evaluation of Heat Removal during the Failure of the Core Cooling for New Critical Assembly ICONE26-82012

Yuta Eguchi, Takanori Sugawara, Kenji Nishihara, Kazufumi Tsujimoto, Yujiro Tazawa Japan Atomic Energy Agency, Tokai, Japan

Modelling the Neutronics of a Molten Salt Fast Reactor using DYN3D-MG for the Investigation of the Application of Frozen Wall

Technology ICONE26-82170

Gregory M. Cartland-Glover¹ Dzianis Litskevich² Alex Skillen¹ Stefano Rolfo³ David Emerson³ Bruno Merk² Charles Moulinec¹

1. Science and Technology Facilities Council, Scientific Computing Department, Warrington, United Kingdom; 2. University of Liverpool, Liverpool, United Kingdom; 3. STFC Daresbury Laboratory, Warrington, United Kingdom

Performance Analysis of Generation IV Nuclear Reactor Power Plant using CO₂ and N₂: Case Study of a Recuperated Brayton Gas

Turbine Cycle ICONE26-81337

Emmanuel O. Osigwe¹ Arnold Gad-Briggs² Pericles Pilidis¹ Theoklis Nikolaidis1 Suresh Sampath1

1. Cranfield University, Bedford, United Kingdom; 2. Cranfield University & EGB Engineering UK, Cheshire, United Kingdom

Experimental Research on Heat Transfer Characteristic of Liquid Lead-Bismuth Eutectic Flowing in Annular Channel ICONE26-82042

Fengjie Zhu, Leitai Shi, Junmei Wu, Guanghui Su

Xi'an Jiao Tong University, Xi'an, China

Thermal-Hydraulics and Safety Analyses

8-4 **Severe Accident Experiments and Analyses II**

Thursday July 26

Room Mouton Cadet | 16:30 - 18:30

Session Chair: Yapei Zhang, Xi'an Jiaotong University, China

Numerical Investigation of Heat Transfer Characteristics of Debris Bed after Severe Accident of SFR based on 1-D Heat

Conduction Model ICONE26-81296

Mengwei Zhang, Bin Zhang, Jiangiang Shan Xi'an Jiao Tong University, Xi'an, China

Injectable Sacrificial Material System to Contain Ex-Vessel Molten Corium in Nuclear Accidents ICONE26-81440

David L.Y. Louie, Yifeng Wang, Rekha Rao, Alec Kucala, Jessica N. Kruichak Sandia National Laboratories, Albuquerque, NM, USA

Liquid Film Flow on Vertical and Successive Inclined Plate Modeling Flow Channel of Molten Control Rod in Severe Accident

ICONE26-81690

Yutaro Hihara1 Hideaki Monji1 Yutaka Abe1 Hiroyuki Yoshida² Susumu Yamashita²

- 1. University of Tsukuba, Tsukuba, Japan;
- 2. Japan Atomic Energy Agency, Tokai-mura, Japan

Designing and Establishing a Single-Rod Integrated LOCA **Experiment Setup ICONE26-82554**

Chan Lee, Ashwini Kumar Yadav, Chang Hwan Shin, Kyung-doo Kim Korea Atomic Energy Research Institute, Daejeon, Korea

Thermal-Hydraulics and Safety Analyses

8-7 Thermal-hydraulic Modeling and **Probabilistic Risk Assessment Related Analyses**

Thursday July 26

Room Epernay | 16:30 - 18:30

Session Chair: Richard Underhill, Frazer-Nash Consultancy Ltd, United Kingdom

Experimental Study on the Steam Line Break (SLB) Accident with the Steam Generator Tube Rupture (SGTR) ICONE26-81458

Yusun Park, Byoung-Uhn Bae, Jongrok Kim, Jae Bong Lee, Hae Min Park, Nam Hyun Choi, Kyoung Ho Kang, Kyung-doo Kim Korea Atomic Energy Research Institute, Daejeon, Korea

Non-LWR Model Development for the MELCOR Code ICONE26-82415 Larry Humphries1 Brad Beeny1 David L.Y. Louie1

Hossein Esmaili² Michael Salay²

1. Sandia National Laboratories, Albuquerque, NM, USA; 2. United States Nuclear Regulatory Commission, Washington, DC, USA

The Monte Carlo Method in Radiative Heat Transfer of Heat Rejection Subsystem ICONE26-81168

Pei Yao Qi, Sichao Tan, Li Xing, Zheng Liu, Xiu Chun Luan Harbin Engineering University, Harbin, China

UK Nuclear Thermal Hydraulics Test Facility and Modelling

Research ICONE26-82696

Richard Underhill, Carolyn M Howlett, Jordan McIntosh Frazer-Nash Consultancy Ltd, Bristol, United Kingdom

Thermal-Hydraulic Analysis of TOPAZ-II with Modified

RELAP5 ICONE26-81735

Simiao Tang¹ Chenglong Wang¹ Guanghui Su¹ Suizheng Qiu² Wenxi Tian¹ 1. Xi'an Jiao Tong University, Xi'an, China; 2. School of Nuclear Science and Technology, Xi'an Jiao Tong University, Xi'an, China

Thermal-Hydraulics and Safety Analyses

Equipment Design Studies I

Thursday July 26

Room Reims | 16:30 - 18:30

Session Chair: TBA

Development of a Device for Detecting Helium Leaks from Canisters: Part 2 - Numerical Analysis of Temperature Behavior during Gas Leaks from a Canister of a 1/4.5 Scale Cask Model

ICONF26-81417

Kosuke Shimizu1 Hirofumi Takeda2 Masanori Goto3

1. Hitachizosen, Osaka, Japan; 2. Central Research Institute of Electric Power Industry, Chiba, Japan; 3. Hitachizosen, Tokyo, Japan

Hydraulic Characteristics of Reactor Coolant Pump under Rated and Off-Design Conditions ICONE26-81952

Jin Seok Park¹ Abdulelah Abobakr² Kang Heon Lee¹ Jong-Wook Kim³ 1. Korea Atomic Energy Research Institute, Deajeon, Korea; 2. King Abdullah City for Atomic and Renwable Energy, Taejeon, Korea; 3. Korea Atomic Energy Research Institute, Taejeon, Korea

Qualification Test of APR1400's RCP Seal under Extended SBO Condition ICONF26-82006

Seok Cho1 Seok Kim1 Byoung-Uhn Bae1 Yun-Je Cho1 Yeon-Sik Kim2

Woo-Jin Jeon¹ Young-Jung Youn¹ Sung-Min Chu³ Sang-Youn Bang³ 1. Korea Atomic Energy Research Institute, Daejeon, Korea; 2. Korea Atomic Energy Research Institute, Taejon, Korea; 3. DOOSAN Heavy Industries and Construction, Changwon, Korea

Application of Robust Design Techniques to Optimise Safety

Systems ICONE26-82335 Nicholas Alexander, Scott Adams Rolls-Royce, Derby, United Kingdom

Analyzing Droplet Size Distributions inside a Self-Priming Venturi Scrubber for Filtered Containment Venting Systems ICONE26-82227

Petros Papadopoulos1 Terttaliisa Lind2 Horst-Michael Prasser1

1. ETH Zürich, Zürich, Switzerland; 2. Paul Scherrer Institute, Villigen, Switzerland

The Safety Analysis of Multiple Method Fusion on Reactor Scram Subsystem ICONE26-82453

Hua Liu¹ Zhaohui Liu² Xiao-hua Yang² Shi-Yu Yan² Zhi Chen³

1. School of Electrical Engineering, University of South China, Hengyang, China; 2. University of South China, Hengyang, China; 3. Nuclear Power Institute of China, Chengdu, China

Thermal Hydraulic Analysis of the CIRCE-HERO Pool-Type Facility

ICONF26-82589

Bruno Gonfiotti¹ Gianluca Barone² Morena Angelucci² Daniele Martelli¹ Nicola Forgione² Alessandro Del Nevo³ Mariano Tarantino³

1. University of Pisa - Dipartimento di Ingegneria Civile ed Industriale (DICI), Pisa, Italy; 2. University of Pisa, Pisa, Italy; 3. ENEA CR Brasimone, Camugnano, Italy

Thermal-Hydraulics and Safety Analyses

8-39 Thermal-hydraulic Modeling: 1st Principle **Physics and Correlations IV**

Thursday July 26

Room Fronsac | 16:30 - 18:30

Session Chair: Yufeng Lv, China Institute of Atomic Energy, China

A Choking Model with Thermal Non-Equilibrium for Initially

Subcooled Water ICONE26-82207 Yufeng Lv, Minfu Zhao, Weiging Li

China Institute of Atomic Energy, Beijing, China

Numerical Benchmark of the FRENETIC Multiphysics Code

ICONE26-82339

Ettore Guadagni¹ Antonio Cammi² Sandra Dulla¹ Stefano Lorenzi² Giuseppe Francesco Nallo¹ Piero Ravetto¹ Laura Savoldi³ Roberto Zanino³

- 1. Politecnico di Torino, Torino, Italy; 2. Politecnico di Milano, Milano, Italy;
- 3. Dipartimento Energia, Politecnico Di Torino, Torino, Italy

Numerical Study on Effect of Pressure on Behavior of Bubble Coalescence by using CMFD Simulation ICONE26-82564

Ayako Ono1 Takayuki Suzuki2 Hiroyuki Yoshida3

1. Japan Atomic Energy Agency, Ibaraki, Japan; 2. Japan Atomic Energy Agency, Naka-gun, Japan; 3. Japan Atomic Energy Agency, Tokai-mura, Japan

Development of Numerical Simulation for Jet Breakup Behavior in Complicated Structure of BWR Lower Plenum (9) Evaluation of Effects of Fluids Properties on Jet Shape and Diameter of

Fragments ICONE26-82580

Takayuki Suzuki¹ Hiroyuki Yoshida² Yutaka Abe³

- 1. Japan Atomic Energy Agency, Naka-gun, Japan; 2. Japan, Naka-tokai, Japan;
- 3. University of Tsukuba, Tsukuba, Japan

Development of a Thermal-Hydraulic Analysis Code for Helical Coiled Once-through Steam Generator ICONE26-81945

Jun Huang, Haifu Ma, Jie Fan, Junli Gou, Jianqiang Shan Xi'an Jiao Tong University, Xi'an, China

Development and Application of Level 3 PSA for the UK ABWR Generic Design Assessment ICONE26-81469

Hironobu Iwanami¹ Ming Leang Ang² Tomoharu Hashimoto¹

Liz Grindon³ Neil Harman³ Carmen Niculae³

1. Hitachi-GE Nuclear Energy, Ltd., Hitachi, Japan; 2. Horizon Nuclear Power, Gloucester, United Kingdom; 3. Wood PLC, Cheshire, United Kingdom

Decontamination & Decommissioning, Radiation Protection, and Waste Management

Dose and Radiation Effects 10-6

Thursday July 26

Room Alsace | 16:30 - 18:30

Session Chair: Junjun Chen, Tsinghua University, China

Session Co-Chair: Yuiko Motome, Japan Atomic Energy Agency, Japan

Analysis of Aerosol Emission and Dispersion during the Laser **Cutting of Fukushima Fuel Debris Simulants ICONE26-81531**

Emmanuel Porcheron¹ Samuel Peillon¹ Thomas Gelain¹

Christophe Chagnot² Christophe Journeau³ Damien Roulet⁴

1. IRSN, Gif sur Yvette, France; 2. CEA, Gif sur Yvette, France; 3. Commissariat à l'énergie atomique et aux énergies alternatives (CEA), St Paul lez Durance, France; 4. ONET, Pierrelatte, France

Estimation of External Dose Volume Correction Factors based on

Neural Network ICONE26-81616

Junjun Chen¹ Jingyuan Qu¹ Junjun Gong²

- 1. Tsinghua University, Beijing, China;
- 2. Naval University of Engineering, Wuhan, China

The Dose Constraint Calculation of High Radioactivity Level

Waste Canister Surface ICONE26-82056

Yang Bo, Qianglin Wei, Hexi Wu, Luo Xujia, Yibao Liu East China University of Technology, Nanchang, China

Valuation of the Radiation Effects of Residents Living around the NSRR under the External Hazards ICONE26-82258

Yuiko Motome, Yoshiya Akiyama, Hiroyuki Murao

Japan Atomic Energy Agency, Tokai-mura, Japan

Design and Safety Analysis of a Kind of UO, Pellets Transport

Container ICONE26-82291

Shutang Sun, Dongyuan Meng, Guoqiang Li, Hongchao Sun, Dajie Zhuang, Jiangang Zhang, Chen Lei, Yiren Lian

China Institute for Radiation Protection, Taiyuan, China

Decontamination & Decommissioning, Radiation Protection, and Waste Management

10-7 **Decommissioning**

Thursday July 26

Room Cremant | 16:30 - 18:30

Session Chair: Hitoshi Mimura, UNION SHOWA K.K., Japan

Session Co-Chair: Luisa Carvalho, CEA, France

Research on Deposition of Micro-Nano Aerosols in Rising Bubble under Pool Scrubbing Condition ICONE26-81160

Yanmin Zhou¹ Haifeng Gu¹ Qiunan Sun¹ Zhongning Sun¹ Jigiang Su² Li Gao² Qianchao Ma¹ Gan Zhu¹ Li Yingzhi¹

1. Harbin Engineering University, Harbin, China; 2. China Nuclear Power Engineering Co, Beijing, China

Research Concept of Decommissioning Knowledge Management for the Fugen NPP ICONE26-81228

Yasuyoshi Taruta¹ Satoshi Yanagihara² Yukihiro Iguchi¹

Koichi Kitamura¹ Masashi Tezuka¹ Yuya Koda¹

1. Japan Atomic Energy Agency, Turuga-city, Japan; 2. University of Fukui, Tsuruga-shi, Japan

Evaluation of Adsorption Properties of U(VI) for Various Inorganic Adsorbents ICONE26-81338

Hitoshi Mimura¹ Minoru Matsukura² Fumio Kurosaki² Tomoya Kitagawa² Akira Kirishima3 Nobuaki Sato3 Daisuke Akiyama3

- 1. UNION SHOWA K.K., Sendai, Japan; 2. UNION SHOWA K.K., Tokyo, Japan;
- 3. Tohoku University, Sendai, Japan

Development of Laser Cleaning for Metallic Equipment

Luisa Carvalho, Wilfried Pacquentin, Michel Tabarant, Juliette Lambert, Alexandre Semerok, Hicham Maskrot CFA. Gif sur Yvette, France

Modification of Filtered Air Intake Flowrate to Improve Control Room Habitability ICONE26-81941

Xinjian Liu1 Weipeng Shu2 Mengxi Wang1

- 1. China Nuclear Power Engineering Co., Ltd., Beijing, China;
- 2. Tsinghua University, Beijing, China

An Effect of Bismuth Ion on the Reduction of Terbium Ion in Molten LiCI-KCI Eutectic Salt ICONE26-82468

Beom Kyu Kim, Byung Gi Park, Hwa Jeong Han, Ji Hye Park, Won Ki Kim Soonchunhyang University, Asan-si, Korea

Mitigation Strategies for Beyond Design **Basis Events**

11-4 **Accident Analysis, Prevention and Mitigation**

Thursday July 26

Room Muscadet | 16:30 - 18:30

Session Chair: Yidan Yuan, China Nulcear Power Engineering Corporation, China

Study on Protection against Large Commercial Aircraft Crash of HPR1000 ICONE26-81397

Xueshuang Zhang, Li Fan, Lijian Cai, Qianwen Liu China Nuclear Power Engineering Co., Ltd., Beijing, China

Evolution and Implementation of the Design Extension Conditions (DEC) Concept: Assessment of Selected Events ICONE26-82593

Pavel Kral

UJV Rez (NRI), Husinec - Rez, Czech Republic

Sensitivity Analysis of RCS Depressurization Strategy under a Postulated SGTR Accident in OPR1000 ICONE26-82074

Wonjun Choi, Taeseok Kim, Joongoo Jeon,

Nam Kyung Kim, Sung Joong Kim

Hanyang University, Seoul, Korea

Design Optimization of PERCS in RELAP5 using Parallel Processing and a Multi-Objective Non-Dominated Sorting Genetic

Algorithm ICONE26-82389

Paul R. Wilding, Nathan R. Murray, Matthew J Memmott Brigham Young University, Provo, UT, USA

Innovative Nuclear Power Plant Design and SMRs

13-6 **Small Modular Reactors II**

Thursday July 26

Room Talbot | 16:30 - 18:30

Session Chair: Robert Stakenborghs, ILD Power, USA

Session Co-Chair: Kevin Lee, Canadian Nuclear Safety Commission, Canada

Control Strategy Investigation for a Multi-Purpose Modular Small Pressurized Water Reactor with Once-through Steam

Generators ICONE26-81318

Qian Ma. Peiwei Sun

Xi'an Jiao Tong University, Xi'an, China

Study on the Water Supply Scheme of a Small Modular Reactor

ICONE26-81811

Chunguan Zhou, Ruo bing Yang, Cheng Lu

China Nuclear Power Engineering Co., Ltd., Beijing, China

Design and Non-Proliferation Viability of Small Modular

Reactors ICONF26-81651

7afar Koreshi

Air University, Islamabad, Pakistan

Hydrogen Risk Reducing Technology in Small Modular Reactor

ICONF26-81705

Yanlin Chen1 Xuefeng Lv2

1. China Nuclear Power Engineering Co., Ltd., Beijing, China; 2. North China Electric Power University, Beijing, China

Functional Additively Manufactured Surface Development and its Application within SMR Power Plants ICONE26-82228

Joe Howard¹ Dan Robertson¹ Mark Whiting² Paul Wilson¹ Julie Yeomans² 1. Rolls-Royce, Derby, United Kingdom; 2. University of Surrey, Guildford, United Kingdom

Risk Assessments and Management

Risk Assessment and Management V

Thursday July 26

Room Cognac | 16:30 - 18:30

Session Chair: Gerard Ratoka Lekhema, National Nuclear Regulator, South

Session Co-Chair: Hirokawa Naoki, Hitachi-GE Nuclear Energy, Ltd., Japan

Discussion of Issues for Small Modular Reactor PSA ICONE26-82157 Tao Liu

Tsinghua University, Beijing, China

Comparative Analysis on the Reliability Estimating Method for the Components of Sodium-Cooled Fast Reactor Primary Pump with Extreme Small Scale Sample Test ICONE26-82313

Guo Xiaoxian, Gu Jipin, Xiao Lili, Pu Enshan, Zhang Jianxin, Liu Xiuting China Institute of Atomic Energy, Beijing, China

Real-Time Online Risk Monitoring and Management Method for Maintenance Optimization in Nuclear Power Plant ICONE26-82472

Angi Xu1 Zhijian Zhang1 Huazhi Zhang1 Min Zhang1 He Wang1 Yingfei Ma¹ Sijuan Chen¹ Yan Wang² Gangyang Zheng¹

1. Harbin Engineering University, Harbin, China; 2. China Institute of Atomic Energy, Beijing, China

High Reliability Micro-Grid for a Nuclear Facility Emergency Power Supply ICONE26-82510

Gerard Ratoka Lekhema¹ Willem A. Cronje² Ian Korir¹

1. National Nuclear Regulator, Centurion, South Africa; 2. University of the Witwatersrand, Johannesburg, South Africa

Overview of PSA for the UK ABWR Generic Design Assessment

ICONE26-82553

Hirokawa Naoki¹ Yuki Ishiwatari² Daisuke Taniguchi² Kohei Hisamochi² 1. Hitachi-GE Nuclear Energy, Ltd., Ibaraki-ken, Japan; 2. Hitachi-GE Nuclear Energy, Ltd., Hitachi-shi, Japan

System Safety Analysis Method based on Real-Time Online Risk Monitoring Technology ICONE26-82563

Sijuan Chen, Zhijian Zhang, He Wang, Min Zhang, Huazhi Zhang, Angi Xu, Yingfei Ma, Gangyang Zheng Harbin Engineering University, Harbin, China

Computer Code Verification and Validation

15-5 **V&V of Systems Analysis Numerical Analysis**

Thursday July 26

Room Lalande | 16:30 - 18:30

Session Chair: Nicola Forgione, University of Pisa, Italy

Session Co-Chair: Heriberto Sánchez-Mora, Innovative Systems Software, USA

Analysis Contour Plots in RELAP/SCDAPSIM/MOD 3.4 and Mod 4.1

ICONE26-81991

Heriberto Sánchez-Mora¹ Carlos Chávez-Mercado²

Chris Allison¹ Judith Hohorst³

1. Innovative Systems Software, Ammon, ID, USA; 2. Universidad Nacional Autónoma de México, Mexico City, Mexico; 3. Innovative Systems Software, Idaho Falls, ID, USA

QUENCH-06 Experiment Post-Test Calculations and Integrated Uncertainty Analysis with RELAP/SCDAPSIM/MOD3.4 and

MOD3.5 ICONE26-81912

C. Allison¹ B. T. Le¹ G. Gerova² L. Spasov²

M. Perez-Ferragut¹ Judith Hohorst³

1. Innovative Systems Software, Ammon, ID, USA; 2. Technical University of Sofia, Sofia, Bulgaria; 3. Innovative Systems Software, Idaho Falls, ID, USA

Numerical Investigation of Corium Coolability in Core Catcher: Sensitivity to Modeling Parameters ICONE26-81841

Liancheng Guo, Andrei Rineiski

Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany

Verification of Shielding Calculation Capability of RMC with H. B. Robinson-2 Pressure Vessel Benchmark ICONE26-81694

Junjie Rao, Xiaotong Shang, Kan Wang

Tsinghua University, Beijing, China

Blind Simulations of NACIE-UP Experimental Tests by

STH Codes ICONE26-81434

Nicola Forgione¹ Morena Angelucci¹ Gianluca Barone¹ Fabio Giannetti² Pierdomenico Lorusso³ Thorsten Hollands⁴ Angel Papukchiev⁴ Massimiliano Polidori⁵ Antonio Cervone⁵ Ivan Di Piazza⁶

1. University of Pisa, Pisa, Italy; 2. Sapienza University of Rome, Roma, Italy; 3. University "La Sapienza", Roma, Italy; 4. Gesellschaft für Anlagen - und Reaktorsicherheit (GRS), Garching, Germany; 5. ENEA, Bologna, Italy; 6. ENEA C.R. Brasimone, Camugnano, Italy

Validation of Systems Code for beyond Prompt Critical Reactivity **Excursions using SPERT III Test Facility Data ICONE26-82680**

Alex Kirby

Rolls-Royce Power Engineering PLC, Derby, United Kingdom

Track Chairs and Co-Chairs

Track 1 Operations & Maintenance, Engineering, Modifications, Life extension, Life Cycle and Balance of Plant

CHAIR: Robert Stakenborghs, ILD Power, Baton Rouge, LA, United States

CO-CHAIRS:

Steven Kaercher, DTE Energy, Detroit, MI, United States Koji Yamada, Chubu Electric Power Co, Inc., Nagoya, Japan Xinrong Liu, CNNC China Nuclear Power Engineering Co., Ltd, Beijing, China

William A. Byers, Westinghouse, Pittsburgh, PA, United States Suizheng Qiu, School of Nuclear Science and Technology, Xi'An Jiaotong University, Xi'An, China

Kan Wang, Tsinghua University, Beijing, China

Satoshi Kurata, Japan Nuclear Safety Institute, Tokyo, Japan Yukinori Hirose, Toshiba Corporation, Yokohama, Kanagawa, Japan

Deping Kong, China National Nuclear Power Co., Ltd. (CNNP), Zhejiang, China

Scott Cairns, Rolls Royce, Derby, United Kingdom

Track 2 Nuclear Fuel and Material, **Reactor Physics and Transport Theory**

CHAIR: Carsten Schroer, Karlsruhe Institute of Technology (KIT), Eggenstein-Leopoldshafen, Germany

CO-CHAIRS:

Paul K. Chan, Royal Military College of Canada, Kingston, ON,

Radek Skoda, Czech Technical University in Prague, Prague, Czech Republic

Hany Abdel-Khalik, Purdue University, West Lafayette, IN, United States

Djordje Tomasevic, NECSA, Pretoria, South Africa

Yoshihiro Isobe, Nuclear Fuel Industries Ltd, Osaka 590-0481, Japan

Libing Zhu, Shanghai Nuclear Engineering Research and Design Institute, Shanghai, China

Ross Peel, Nuclear-21, London, United Kingdom

Alan Copestake, Rolls-Royce, Imperial College London, Derby, Derbyshire, United Kingdom

Wenzhong Zhou, City University of Hong Kong, Kowloon Tong,

Mathew M Panicker, US Nuclear Regulatory Commission, Laurel, MD, United States

Daisuke Sato, Mitsubishi Heavy Industries, Ltd., Kobe, Japan Takashi Shimomura, Mitsubishi Nulcear Fuel Co., Itd, Ibaraki, Japan

Satoshi Takeda, Osaka University, Osaka, Japan Zeyun Wu, Virginia Commonwealth University, Richmond, VA, United States

Min Xiao, China Nuclear Power Technology Research Institute/ Cgn, Shenzhen, China

Track 3 Plant Systems, Structures, Components and Materials

CHAIR: Leon Cizelj, Jozef Stefan Institute, Ljubljana, Slovenia **CO-CHAIRS:**

Carsten Schroer, Karlsruhe Institute of Technology (KIT), Eggenstein-Leopoldshafen, Germany

Hakan Ozaltun, Idaho National Laboratory, Idaho Falls, ID, United

Asif Arastu, Unisont Engineering, Inc., Castro Valley, CA, United

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON. Canada

Qing Mao China Nuclear Power Engineering Co.Ltd, Longgang, Shenzhen, China

Shengyao Jiang, Tsinghua University, Beijing, China

Howard Chung, KAIST, Daejeon, Korea (Republic)

John Sulley, Rolls Royce PLC, Derby De21 7xx, United Kingdom

Nhu Cuong Tran, EdF, Ecuelles, France

HuaDong Zhu, SNPEC, Shanghai, China

Antony Hurst, EASL, Cheshire, United Kingdom

Takashi Wakai, Japan Atomic Energy Agency, O-arai, Ibaraki, Japan

loka Ikuo, Japan Atomic Energy Agency, Naka, Japan

Yoshinori Katayama, Toshiba Corporation, Yokohama, Japan

Akemi Nishida, Japan Atomic Energy Agency, Chiba, Japan

Yinbiao He, Shanghai Nuclear Engineering Research & Design Ins, Shanghai, China

Track 4 Instrumentation and Control (I&C) and Influence of Human Factors

CHAIR: Robert Stakenborghs, ILD Power, Baton Rouge, LA, United States

CO-CHAIRS:

Mauro Cappelli, ENEA, Italy, Italy

Anton Prins, NRG Research & Innovation, A, Netherlands

Miltos Alamaniotis, Purdue University, West Lafayete, IN, United States

Antonio Ciriello, Framatome Gmbh, Erlangen, Germany

Goran Simeunovic, Czech Technical University in Prague, Prague, Czech Republic

Yasutake Fujishima, Hitachi-GE Nuclear Energy, Ltd., Ibarakiken, Japan

Shenjie Gu, SNERDI, Shanghai, Eastern China, China

Akio Gofuku, Okayama University, Okayama, Okayama Prefecture, Japan

Zhijian Zhang, Harbin Engineering University, Harbin, HeiLongJiang, China

Track 5 Advanced Reactors and Fusion Technologies

CHAIR: Mohamed El-Genk, Instutute for Space and Nuclear Power Studies, Albuquerque, NM, United States

CO-CHAIRS:

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Mauro Cappelli, ENEA, Italy, Italy

Rosa Lo Frano, DICI - University of Pisa, Pisa, Italy

Tatjana Jevremovic, University of Utah, Salt Lake City, UT, United States

Kazuhiro Kamei, Toshiba Corporation, Yokohama, Japan

Xian-Gang Fu, CNPRI, Shenzhen, China

Leigh Winfrey, Virginia Tech, Blacksburg, VA, United States

Howard Chung, KAIST, Daejeon, Korea (Republic)

Takaaki Sakai, Tokai University, Kanagawa-ken, Japan

Hiroyuki Sato, Japan Atomic Energy Agency, Oarai-machi, Ibaraki, Japan

Hong Yu, Chinese Institute of Atomic Energy, Beijing, China

Track 6 Nuclear Safety, Security, and **Cyber Security**

CHAIR: Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON, Canada

CO-CHAIRS:

Mohammad Pourgol Mohammad, Independent Consultant, Boston, MA, United States

Hany Abdel-Khalik, Purdue University, West Lafayette, IN, United States

Rick Grantom, CR Grantom P.E. & Assoc. LLC, Huffman, TX, United States

Hui Zhang, Harvard Kennedy School of Government, Cambridge, MA, United States

Daming Liu, Chinese Institute of Atomic Energy, Beijing, China

Howard Chung, KAIST, Daejeon, Korea (Republic)

Tomohiko Ikegawa, Hitachi Ltd., Center for Technology Innovation, Hitachi, Japan

Hideki Horie, Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan

Kazuyuki Demachi, The University of Tokyo, Tokyo, Japan Hongxing Yu, Nuclear Power Institute of China, Chengdu, Sichuan Province, China

Takeshi Yamada, Hitachi-Ge Nuclear Energy, Ltd., Ibaraki-Ken,

Alessandro Petruzzi, Nuclear and INdustrial Engineering (NINE), Lucca, Italy

Track 7 Codes, Standards, Licensing, and Regulatory Issues

CHAIR: Clayton Smith, Smith Associates Consulting Group LLC, Simpsonville, SC, United States

CO-CHAIRS:

John Bendo, ASME, New York, NY, United States

Jasmina Vucetic, Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Shenjie Gu, SNERDI, Shanghai, Eastern China, China

Zoran Vujic, Westinghouse, Pittsburgh, PA, United States

Howard Chung, KAIST, Daejeon, Korea (Republic)

Nik Popov, McMaster University, Hamilton, ON, Canada

Mathew M Panicker, US Nuclear Regulatory Commission, Laurel, MD, United States

Lin Tian, SNERDI, Shanghai, China

Koji Yamada, Chubu Electric Power Co, Inc., Nagoya, Japan Kazuyuki Tsukimori, University of Fukui, Tsuruga, Japan

Track 8 Thermal-Hydraulics and Safety **Analyses**

CHAIR: Richard Schultz, Idaho State Univ & Texas A&M Univ. Pocatello, ID, United States

CO-CHAIRS:

Joerg Starflinger, University of Stuttgart, Stuttgart, Germany David Aumiller, UNPP bettis, A, WA, United States George Mesina, Idaho National Lab, Idaho Falls, ID, United

Guanghui Su, Xi'An Jiao Tong University, Xi'An, China Gonzalo Jimenez, Universidad Politécnica de Madrid (UPM), Madrid, Spain

Alessandro Petruzzi, Nuclear and INdustrial Engineering (NINE), Lucca, Italy

Kazuyuki Takase, Japan Atomic Energy Agency, Ibaraki-Ken,

Peipei Chen, SNPTC, Shanghai, China

Yassin Hassan, Texas A&M University, College Station, TX, United States

Hyun Sun Park, POSTECH, Pohang, Korea (Republic) Xiaodong Sun, University of Michigan, Ann Arbor, MI, United States

Shripad Revankar, Purdue University, West Lafayette, IN, United States

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa,

Steve Unikewicz, NUScale Power, Corvallis, OR, United States Arun Nayak, Bhabha Atomic Research Center, Mumbai, India Chikako lwaki, Toshiba Energy Systems & Solutions Corporation, Yokohama, Japan

Tomio Okawa, The University of Electro-Communications, Tokyo, Japan

Shoji Mori, Yokohama National University, Kanagawa, Japan Sibamoto Yasuteru, Japan Atomic Energy Agency, Naka, Japan Shiro Takahashi, Hitachi, Ltd., Hitachi Research Laboratory, Hitachi, Japan

Yoshiyuki Kondo, Mitsubishi Heavy Industries, Ltd., Hyogo, Japan Bao-Wen Yang, Xi'an JiaoTong University, Xi,an, Shaanxi, China Guogiang Wang, Westinghouse Electric Company LLC, Murrysville, PA, United States

Asif Arastu, Unisont Engineering, Inc., Castro Valley, CA, United States

Track 9 Computational Fluid Dynamics

CHAIR: Yassin Hassan, Texas A&M University, College Station, TX, United States

CO-CHAIRS:

Elia Merzari, Argonne National Laboratory, Lemont, IL, United States

Liangzhi Cao, School of Nuclear Science and Technology, Xi'an Jiaotong University, Xi'an, China

Sofiane Benhamadouche, EDF R & D, Chatou, France Emilio Baglietto, MIT, Cambridge, MA, United States Walter Ambrosini, University of Pisa, Pisa, Italy George Mesina, Idaho National Lab, Idaho Falls, ID, United States

Yann Bartosiewicz, Université catholique de Louvain UCL-MECA/TERM, Louvain la Neuve, Belgium

Deoras Prabhudharwadkar, GE Global Research, Banglore, Karnataka, India

Yacine Addad, Khalifa University, Abu Dhabi, United Arab Emir. Shripad Revankar, Purdue University, West Lafayette, IN, United States

Andreas G. Class, Karlsruhe Institute of Technology, Karlsruhe, Germany

Hiroyuki Yoshida, Japan Atomic Energy Agency, Tokai-Mura, Japan

Yasuo Hattori, Central Res Inst Elect Power Ind., Abiko, Japan Bao-Wen Yang, Xi'an JiaoTong University, Xi,an, Shaanxi, China Xuewu Cao, Shanghai Jiao Tong University, Shanghai, China Afaque Shams, Nuclear Research and Consultancy Group, Petten, Netherlands

Ahmed A.Y. Al-Waaly, University of Wasit, Kut-Wasit, Wasit, Iraq

Track 10 Decontamination & Decommissioning, Radiation Protection, and Waste Management

CHAIR: Brian Ikeda, UOIT, Oshawa, ON, Canada **CO-CHAIRS:**

Massimo Sepielli, ENEA, Rome, Italy

Renate de Vos, NRG Research & Innovation, Delft, Netherlands Dongsheng Li, China Nuclear Power Technology Research Institute Co., Ltd, Shenzhen, Guangdong, China

Marina Nenkovic, Institute of Architecture and Urban & Spatial Planning of Serbia, Serbia

Anthony Hechanova, Abu Dhabi Polytechnic, Abu Dhabi, United Arab Fmir.

Howard Chung, KAIST, Daejeon, Korea (Republic)

Satoshi Yanagihara, University of Fukui, Fukui-Ken, Japan

Senlin Liu, CIAE, Beijing, China

Rich Davey, LLW Repository Ltd, Drigg, Cumbria, United Kingdom

Daisuke Kawasaki, University of Fukui, Fukui, Japan

Track 11 Mitigation Strategies for Beyond Design Basis Events

CHAIR: Ivo Kljenak, Jozef Stefan Inst, Ljubljana, Slovenia **CO-CHAIRS:**

Jun Sugimoto, Kyoto University, Kyoto, Japan

Xuewu Cao, Shanghai Jiao Tong University, Shanghai, China

Randall Gauntt, Sandia National Laboratories, Edgewood, NM, United States

Hyun Sun Park, POSTECH, Pohang, Korea (Republic)

Arun Nayak, Bhabha Atomic Research Center, Mumbai, India

Alexei Miassoedov, Karlsruhe Institute of Technology, 76344 Eggenstein-Leopoldshafen, Germany

Tadashi Watanabe, University of Fukui, Fukui-Ken, Japan Yidan Yuan, CNNC China Nuclear Power Engineering Co., Ltd., Beiiina, China

Jun Ishikawa, Japan Atomic Energy Agency, Ibaraki, Japan

Track 12 Nuclear Education and Public Acceptance

CHAIR: Asif Arastu, Unisont Engineering, Inc., Castro Valley, CA, United States

CO-CHAIRS:

Leon Cizelj, Jozef Stefan Institute, Ljubljana, Slovenia Clayton Smith, Smith Associates Consulting Group LLC, Simpsonville, SC, United States

Patricia Paviet, Department of Energy - Office of Nuclear Energy, Germantown, MD, United States

Shripad Revankar, Purdue University, West Lafayette, IN, United States

Yassin Hassan, Texas A&M University, College Station, TX, United States

Hiroshige Kikura, Tokyo Institute of Technology, Tokyo, Japan

Kan Wang, Tsinghua University, Beijing, China

Suizheng Qiu, School of Nuclear Science and Technology, Xi'An Jiaotong University, Xi'An, China

Emilio Baglietto, MIT, Cambridge, MA, United States

S.W. Kidd, East Cliff Consulting, Bournemouth, United Kingdom Igor Pioro, UOIT, Oshawa, ON, Canada

Elia Merzari, Argonne National Laboratory, Lemont, IL, United States

Jun Sugimoto, Academy for Global Nuclear Safety and Security Agent, Tokyo Institute of Technology, Japan

Track 13 Innovative Nuclear Power Plant Design and SMRs

CHAIR: Steve Unikewicz, NUScale Power, Corvallis, OR, United States

CO-CHAIRS:

Yassin Hassan, Texas A&M University, College Station, TX, United States

Robert Stakenborghs, ILD Power, Baton Rouge, LA, United States

Kazuhito Asano, Isogo Nuclear Engineering Center, Toshiba, Yokohama, Japan

Guoqiang Wang, Westinghouse Electric Company LLC, Murrysville, PA, United States

Howard Chung, KAIST, Daejeon, Korea (Republic)

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON. Canada

Hajime Koikegami, IHI Corporation, Yokohama, Japan

Ibrahim Khamis, International Atomic Energy Agency, Vienna, Austria

Danrong Song, Nuclear Power Institute of China (NPIC), Sichuan, China

Minglu Wang, Shanghai Jiao Tong University, Shanghai, China

Track 14 Risk Assessments and Management

CHAIR: Rick Grantom, CR Grantom P.E. & Assoc. LLC, Huffman, TX, United States

CO-CHAIRS:

Mohammad Pourgol Mohammad, Independent Consultant, Boston, MA, United States

Ernie Kee, Texas A&M University, College Station, TX, United States

Pamela Nelson, UNAM, Jiuiepec, Mexico

Arun Veeramany, Pacific Northwest National Laboratory, Richland, WA, United States

Hidemasa Yamano, Japan Atomic Energy Agency, Ibaraki, Japan

Jianbing Guo, China General Nuclear Power Corporation (CGNPC), Guangdong, China

Lihua Huang, Suzhou Nuclear Power Research Institute, Shenzhen, China

Qinfang Zhang, Shanghai Nuclear Engineeering Research & Design Institute, Shanghai, China

Brian Edmonds, Independent, Farnham, United Kingdom Koji Shirai, CRIEPI, Tokyo, Japan

Track 15 Computer Code Verification and Validation

CHAIR: Richard Schultz, Idaho State Univ & Texas A&M Univ, Pocatello, ID, United States

CO-CHAIRS:

Yassin Hassan, Texas A&M University, College Station, TX, United States

Elia Merzari, Argonne National Laboratory, Lemont, IL, United

Stephen Bajorek, U.S. Nuclear Regulatory Commission, Washington, DC, United States

Hyung Lee, Bettis Laboratory, West Mifflin, PA, United States Hans Gougar, Idaho National lab, Idaho Falls, ID, United States Arthur Ruggles, Univ of Tennessee, Knoxville, TN, United States Christopher J. Freitas, Southwest Research Institute, San Antonio, TX, United States

Masaaki Tanaka, Japan Atomic Energy Agency, O-Arai, Japan

Francesco D'Auria, University of Pisa, Pisa, Italy

Abdelghani Zigh, US Nuclear Regulatory Commission, Washington, DC, United States

Yanhua Yang, SPIC, Beijing, China

Roberto Zanino, Dipartimento Energia, Politecnico Di Torino,

Jonathan Adams, Rolls-Royce PLC, Derby DE217XX, United Kingdom

Ryan Crane, ASME, New York, NY, United States

Milorad Dzodzo, Westinghouse Electric Company, Cranberry Township, PA, United States

Joshua Kaizer, U.S. Nuclear Regulatory Commission, Abingdon, MD. United States

Lewis Lommers, AREVA, Richland, WA, United States

Sanjeeb Pal, NA, Herndon, VA, United States

Upendra Rohatgi, Brookhaven National Laboratory, Upton, NY, United States

Sam Treasure, Rolls-Royce PLC, Derby, United Kingdom

Track 16 Student Paper Competition

CHAIR: Shripad Revankar, Purdue University, West Lafayette, IN, United States

CO-CHAIRS:

Wolfgang Hansen, Technical University Dresden, Institute of Power, Dresden, Germany

Masahiro Takei, Chiba University, Chiba, Japan

Suyuan Yu, Tsinghua University, Beijing, China

Vladimir Stevanovic, University of Belgrade, Belgrade, Serbia

Paul K. Chan, Royal Military College of Canada, Kingston, ON, Canada

Glenn Harvel, Univ of Ontario Inst of Technology, Oshawa, ON,

Liang-ming Pan, Chongqing University, Chongqing, Chongqing,

Shuichiro Miwa, Hokkaido University, Sapporo, Japan

Nicholas R. Brown, Penn State University, University Park, PA, United States

Xiaodong Sun, University of Michigan, Ann Arbor, MI, United States

Leon Cizelj, Jozef Stefan Institute, Ljubljana, Slovenia

Wenzhong Zhou, City University of Hong Kong, Kowloon Tong, Hong Kong

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON. Canada

Igor A. Bolotnov, North Carolina State University, Raleigh, NC, United States

Shoaib Usman, Missouri University of Science and Technology, Rolla, MO, United States

Track 17 Keynote, Plenary, Panels Sessions

CHAIR: Guoqiang Wang, Westinghouse Electric Company LLC, Murrysville, PA, United States

CO-CHAIRS:

Shripad Revankar, Purdue University, West Lafayette, IN, United States

Clayton Smith, Smith Associates Consulting Group LLC, Simpsonville, SC, United States

Asif Arastu, Unisont Engineering, Inc., Castro Valley, CA, United

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Leon Cizelj, Jozef Stefan Institute, Ljubljana, Slovenia

Lixin Shen, Chinese Nuclear Society, Beijing, China

Richard Schultz, Idaho State Univ & Texas A&M Univ, Pocatello, ID, United States

Howard Chung, KAIST, Daejeon, Korea (Republic)

Track 18 Workshops

CHAIR: Guoqiang Wang, Westinghouse Electric Company LLC, Murrysville, PA, United States

CO-CHAIRS:

Shripad Revankar, Purdue University, West Lafayette, IN, United States

Yassin Hassan, Texas A&M University, College Station, TX, United States

Jovica Riznic, Canadian Nuclear Safety Commission, Ottawa, ON, Canada

Robert Stakenborghs, ILD Power, Baton Rouge, LA, United

Richard Schultz, Idaho State Univ & Texas A&M Univ, Pocatello, ID, United States

Clayton Smith, Smith Associates Consulting Group LLC, Simpsonville, SC, United States

Author Index

A. Ala, Ayodeji Abdel-Khalik, Hany AbdElgawad, K ICONE26-82098 Abdelouas, Abdesselam	
AbdElgawad, KICONE26-82098	ICONE26-82212 (15-2
AbdElgawad, KICONE26-82098	ICONE26-82372 (6-2
Abdelgawad, KICONE26-82098	ICONE26-82385 (2-2
Ahdelouas Ahdesselam	(2-10), ICONE26-82101 (2-2
	ICONE26-82612 (12-
Abe, Hiroaki	
Abe, KazumaICONE26-8201	8 (8-3) ICONE26-82120 (8-4
Abe, Yuta	
Abe, Yutaka ICONE26-81383 (8-	
ICONE26-81659	
ICONE26-81690 (8	
ICONE26-81699 (8	
ICONE26-82058 (1	
Ableev, Alexander N	ICONE26-82387 (2-
Abobakr, Abdulelah	ICONE26-81952 (8-20
Achilli, Andrea	
Acton, Michael	
Adams, ScottICONE26-82335 (
Adams, Thomas .ICONE26-81109	
Agar, Amritpal	
Ahn, Ho Seon	ICONE26-82591 (11-
Ahn, Ji Soo	ICONE26-81424 (15-3
Ahn, Kwang-II	ICONE26-81633 (11-2
Ahn, Sangmyeon	
Aimin, Yu	
Aji, Indarta Kuncoro	
Akihito, Otani	
Akiyama, Daisuke	
Akiyama, Nozomu	ICONE26-82585 (8-2
Akiyama, Yoshiya	ICONE26-82258 (10-6
Alaassar, Mahmoud	ICONE26-81604 (13-
Alemberti, Alessandro	
Alexander, Nicholas	
Alexander, Nicrolas	
Allen, Dennis	
Allison, Chris ICONE26-81861 (8	
ICONE26-81991 (1	5-5), ICONE26-82241 (16-13
Altahhan, Muhammad	ICONE26-81464 (16-10
Aly, Ahmed	
Alzaben, Yousef	
An, Ping	
Anderson, Mark	ICONE26 92364 (16 1
Andreani, Michele	
Andreozzi, Claudio	
Ang, Ming Leang ICONE26-81469	
Angele, Kristian	
Anneli Pananinta	ICONE26-82361 (10-9
rungon, runugiota	ICONE26-82423 (10-10
Angelucci, Morena	ICONE26-81216 (5-2
Angelucci, Morena	ICONE26-81216 (5-2
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 15-5), ICONE26-82213 (8-30
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-20
Angelucci, MorenaICONE26-81434 (1	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-20 ICONE26-81186 (9-3
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-20 ICONE26-81186 (9-3 ICONE26-82611 (12-1
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-81186 (9-3 ICONE26-82611 (12-3 ICONE26-82611 (12-3 ICONE26-81789 (1-3)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-81186 (9-3 ICONE26-82611 (12-3 ICONE26-82611 (12-3 ICONE26-81789 (1-3)
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-3C ICONE26-82589 (8-2 ICONE26-81186 (9-3 ICONE26-82611 (12-1 ICONE26-81789 (1-1 ICONE26-81789 (1-1)
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-3C ICONE26-82589 (8-2) ICONE26-81186 (9-5 ICONE26-82611 (12-1 ICONE26-81789 (1-1 ICONE26-81789 (1-1) ICONE26-81231 (8-1) (5-7), ICONE26-82550 (16-1
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-3C ICONE26-82213 (8-3C ICONE26-8261186 (9-5 ICONE26-82611 (12- ICONE26-81231 (8-14 ICONE26-81231 (8-14 (5-7), ICONE26-82550 (16-1 ICONE26-82598 (5-4
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-81186 (9-3 ICONE26-81789 (1-3 ICONE26-81231 (8-1-3 ICONE26-81231 (8-1-3 ICONE26-82590 (16-13) ICONE26-82598 (5-3 ICONE26-81309 (13-3)
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82213 (8-30 ICONE26-8186 (9-3 ICONE26-81611 (12-3 ICONE26-81789 (1-3 ICONE26-81231 (8-14 (5-7), ICONE26-82550 (16-13 ICONE26-81309 (13-3 ICONE26-81309 (13-3
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-81186 (9-3 ICONE26-82611 (12-3 ICONE26-81789 (1-3 ICONE26-81231 (8-1-4 (5-7), ICONE26-82550 (16-1 ICONE26-82598 (5-3 ICONE26-81309 (13-3 ICONE26-82619 (3-3 ICONE26-82619 (3-3
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif	ICONE26-81216 (5-2 ICONE26-81307 (9-4 I5-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-81186 (9-3 ICONE26-81789 (1-1 ICONE26-81789 (1-1 ICONE26-81231 (8-1-4 (5-7), ICONE26-82550 (16-1 ICONE26-81309 (13-2 ICONE26-81309 (13-2 ICONE26-82619 (3-12 ICONE26-82619 (3-12 ICONE26-82622 (3-12
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82213 (8-30 ICONE26-826589 (8-2) ICONE26-81186 (9-3 ICONE26-81789 (1-3 ICONE26-81231 (8-1-4 (5-7), ICONE26-82550 (16-1 ICONE26-82598 (5-4 ICONE26-81309 (13-3 ICONE26-82619 (3-13) ICONE26-82619 (3-13) ICONE26-82622 (3-13) ICONE26-82622 (3-13)
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82213 (8-30 ICONE26-826589 (8-2) ICONE26-81186 (9-3 ICONE26-81789 (1-3 ICONE26-81231 (8-1-4 (5-7), ICONE26-82550 (16-1 ICONE26-82598 (5-4 ICONE26-81309 (13-3 ICONE26-82619 (3-13) ICONE26-82619 (3-13) ICONE26-82622 (3-13) ICONE26-82622 (3-13)
Angelucci, Morena	ICONE26-81216 (5-2 ICONE26-81307 (9-4 ICONE26-81307 (9-4 ICONE26-8213 (8-30 ICONE26-82689 (8-2 ICONE26-82681 (12- ICONE26-81789 (1- ICONE26-81231 (8-14 ICONE26-81231 (8-14 ICONE26-82596 (5-4 ICONE26-82596 (5-4 ICONE26-82686 (8-2 ICONE26-82686 (8-2 ICONE26-82619 (3- ICONE26-82150 (16-1 ICONE26-82619 (3- ICONE26-82619 (3- ICONE26-82619 (3- ICONE26-82610 (16-2 ICONE26-82617 (16-2 ICONE26-82617 (10-2 ICONE2
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-8126-81186 (9-5 ICONE26-81789 (1-6 ICONE26-81789 (1-6) ICONE26-81789 (1-7) ICONE26-82550 (16-16) ICONE26-81309 (13-7) ICONE26-81309 (13-7) ICONE26-82658 (8-2) ICONE26-8262 (3-1) ICONE26-82620 (3-1) ICONE26-82619 (3-7) ICONE26-82150 (16-2) ICONE26-82150 (16-2) ICONE26-82150 (16-2) ICONE26-82150 (16-2) ICONE26-82150 (16-2) ICONE26-82150 (16-2)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada	ICONE26-81216 (5-2 ICONE26-81213 (8-3) ICONE26-82213 (8-3) ICONE26-82213 (8-3) ICONE26-82589 (8-2) ICONE26-81186 (9-3) ICONE26-81789 (1-3) ICONE26-81231 (8-1) ICONE26-81231 (8-1) ICONE26-82590 (16-1) ICONE26-82598 (5-3) ICONE26-82639 (3-3) ICONE26-82622 (3-1) ICONE26-82619 (3-1) ICONE26-82617 (10-3) ICONE26-82617 (10-3) ICONE26-8131 (3-1) ICONE26-8131 (3-1)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria	ICONE26-81216 (5-2 ICONE26-81213 (8-3) IS-5), ICONE26-82213 (8-3) ICONE26-82213 (8-3) ICONE26-81816 (9-3) ICONE26-81816 (9-3) ICONE26-81789 (1-3) ICONE26-81231 (8-1-3) ICONE26-81250 (16-1-3) ICONE26-81309 (13-3) ICONE26-82619 (3-1-3) ICONE26-82619 (3-1-3) ICONE26-82619 (16-2-3) ICONE26-82619 (16-2-3) ICONE26-82617 (10-3) ICONE26-81718 (13-3) ICONE26-81718 (13-3) ICONE26-81718 (13-3) ICONE26-81464 (16-10
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria	ICONE26-81216 (5-2 ICONE26-81213 (8-3 ICONE26-82213 (8-30 ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-8218186 (9-3 ICONE26-82617 (12-3 ICONE26-81789 (1-3 ICONE26-81789 (1-3 ICONE26-82550 (16-13 ICONE26-82598 (5-3 ICONE26-82588 (8-23 ICONE26-82619 (3-3 ICONE26-82619 (3-3 ICONE26-82617 (10-3 ICONE26-82150 (16-2) ICONE26-8113 (3-13 ICONE26-811718 (13-3 ICONE26-81464 (16-10 ICONE26-81464 (16-10 ICONE26-81571 (15-2
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-82186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-81550 (16-1 ICONE26-82550 (16-1 ICONE26-82598 (5-4 ICONE26-82598 (5-4 ICONE26-8268 (8-2) ICONE26-82618 (8-2) ICONE26-82619 (3-1) ICONE26-82617 (10-2) ICONE26-82150 (16-22) ICONE26-81510 (16-22) ICONE26-811718 (13-3) ICONE26-811718 (13-3) ICONE26-81571 (15-2-13), ICONE26-82431 (16-14)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-82186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-81550 (16-1 ICONE26-82550 (16-1 ICONE26-82598 (5-4 ICONE26-82598 (5-4 ICONE26-8268 (8-2) ICONE26-82618 (8-2) ICONE26-82619 (3-1) ICONE26-82617 (10-2) ICONE26-82150 (16-22) ICONE26-81510 (16-22) ICONE26-811718 (13-3) ICONE26-811718 (13-3) ICONE26-81571 (15-2-13), ICONE26-82431 (16-14)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (1 Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria ICONE26-81869 (16 Ayukawa, Arisa	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82589 (8-2) ICONE26-82186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-8161186 (9-3 ICONE26-81550 (16-1 ICONE26-82550 (16-1 ICONE26-82598 (5-4 ICONE26-82598 (5-4 ICONE26-8268 (8-2) ICONE26-82618 (8-2) ICONE26-82619 (3-1) ICONE26-82617 (10-2) ICONE26-82150 (16-22) ICONE26-81510 (16-22) ICONE26-811718 (13-3) ICONE26-811718 (13-3) ICONE26-81571 (15-2-13), ICONE26-82431 (16-14)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (1 Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria ICONE26-81869 (16 Ayukawa, Arisa	ICONE26-81216 (5-2 ICONE26-81307 (9-4 ICONE26-8213 (8-30 ICONE26-82213 (8-30 ICONE26-8268) (8-20 ICONE26-82681 (10-2 ICONE26-82681 (10-2 ICONE26-81789 (1-2 ICONE26-81789 (1-3 ICONE26-82580 (16-1 ICONE26-82580 (16-1 ICONE26-82681 (10-2 ICONE26-82619 (3-1 ICONE26-82619 (3-1 ICONE26-82617 (10-2 ICONE26-82617 (10-2 ICONE26-81781 (3-1 ICONE26-8178 (13-3 ICONE26-8178 (13-3 ICONE26-8178 (13-3 ICONE26-8178 (13-3 ICONE26-81771 (15-2 ICONE26-81771 (15-2 ICONE26-81731 (15-1 ICONE26-81731 (16-1 ICONE26-81501 (5-2
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria ICONE26-81869 (16 Ayukawa, Arisa Ba, Jingwen	ICONE26-81216 (5-2 ICONE26-81307 (9-4 IS-5), ICONE26-82213 (8-30 ICONE26-82289 (8-2) ICONE26-82186 (9-3 ICONE26-81789 (1-1 ICONE26-81789 (1-1 ICONE26-81231 (8-1-4 (5-7), ICONE26-82550 (16-1 ICONE26-82598 (5-1 ICONE26-82588 (8-2) ICONE26-8268 (8-2) ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82150 (16-2) ICONE26-81160 (16-2) ICONE26-81160 (16-2) ICONE26-81161 (3-1 ICONE26-81161 (3-1 ICONE26-81161 (3-1) ICONE26-81161 (3-1) ICONE26-81161 (16-1) ICONE26-81501 (16-2) ICONE26-81501 (16-2) ICONE26-81501 (5-2)
Angelucci, Morena ICONE26-81434 (1 Anton, Stefan Anzieu, Pascal Ao, Zhang Appah, Thompson Aquaro, Donato ICONE26-82378 Ara, Kuniaki Arai, Takahiro ICONE26-81496 (1 Arakawa, Manabu Arastu, Asif Ari, Hamdani Aritomi, Masanori Asano, Hiroshi Atsuhiko, Terada Avramova, Maria ICONE26-81869 (16 Ayukawa, Arisa	ICONE26-81216 (5-2 ICONE26-81307 (9-4 ICONE26-81307 (9-4 ICONE26-8213 (8-30 ICONE26-82689 (8-2 ICONE26-82681 (12- ICONE26-81281 (8-1 ICONE26-81281 (8-1 ICONE26-81281 (8-1 ICONE26-82550 (16-1 ICONE26-82550 (16-1 ICONE26-82588 (8-2 ICONE26-82681 (8-2 ICONE26-82622 (3-1 ICONE26-82617 (10-2 ICONE26-82617 (10-2 ICONE26-81191 (3-1 ICONE26-81191 (3-1 ICONE26-81191 (3-1 ICONE26-81191 (3-1 ICONE26-81191 (3-1 ICONE26-81464 (16-10 ICONE26-81501 (5-2 ICONE26-81269 (6-1 ICONE26

Bae, Byoung-Uhn	ICONE26-81458 (8-7)
Duo, Dyoung Olim	
ICONE26-82006 (8	
Baglietto, Emilio	
1001/500 00405	
ICONE26-82435 Bai, FanICONE26-82137	
Bai, Yunqing	
Bajramovic, Edita	
Dayramono, Lana	ICONE26-82411 (16-13)
Ball, John	ICONE26-82707 (10-1)
Ballard, Andrew	
Bang, Sang-Youn	
Bankhead, Mark	
Bao, Guangliang Bao, Jinchun	
Bao, Wei	
Barannyk, Lyudmyla	ICONE26-81009 (8-32)
Barati Far, Keyaan	ICONE26-81608 (16-18)
Barone, Gianluca	ICONE26-81434 (15-5),
	ICONE26-82589 (8-20)
Basili, Lorenzo	ICONE26-82550 (16-1)
Bassini, Serena Batki, Balint	
Bayles, Brenda	
Bazargan-Sabet, Behrooz	
Dazargan Gabot, Bonnooz	ICONE26-82612 (12-2)
Bechta, Sevostian	ICONE26-82248 (11-1)
Beeny, Brad	ICONE26-82415 (8-7)
Bell, Christopher	
Ben Mosbah, Mehdi	
Bennett, Christopher	ICONE26-82628 (15-1)
Benteboula, Sonia Berestov, Alexander V.	
Bertino, Elisa	
Bian, Haozhi ICONE26-81242 (8	
Bian, Jiawei	ICONE26-81505 (16-17),
	ICONE26-81757 (16-15)
Bianchilli, Battistina	ICONE26-82039 (10-2)
Biao, Yuan	
Bilbao y Leon, Sama	
Diricy, raui O	
Bischoff, Samuel E.	ICONE26-81896 (11-1)
Bischoff, Samuel E. Bluck, Michael J.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7)
Bischoff, Samuel E	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6),
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012ICONE26-81281 (3-	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14),
Bischoff, Samuel E	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), ICONE26-81283 (16-14), 0-12), ICONE26-81302 (8-1),
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (6- ICONE26-81305	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 3-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6),
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012ICONE26-81299 (S. ICONE26-81305 (8.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), ONE26-81283 (16-14), 3-12), ICONE26-81302 (8-1), ICONE26-81362 (3-6), ICONE26-81475 (8-6)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (S- ICONE26-81305 (8- Bo, Wang	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 9-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), (6), ICONE26-81283 (16-14), 9-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81066 (10-6)
Bischoff, Samuel E Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (8- ICONE26-81305 (8- Bo, Wang Bo, Yang Bobyr, Mykola Bolesch, Christian	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), (6), ICONE26-81283 (16-14), 0-12), ICONE26-81302 (8-1), B-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81600 (16-7) ICONE26-81600 (16-7)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (6- ICONE26-81305 (8- Bo, Wang. Bo, Yang. Bobyr, Mykola. Bolesch, Christian. Bolotnov, Igor A.	ICONE26-81896 (11-1) ICONE26-81424 (15-3) ICONE26-81214 (3-6), ICONE26-81214 (3-6), 6), ICONE26-81210 (3-6), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (16-7)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81291 (3- ICONE26-81299 (6- ICONE26-81305 (6- Bo, Wang Bo, Yang Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), (8-2), ICONE26-81214 (3-6), (6), ICONE26-81283 (16-14), 1-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-8160 (10-6) ICONE26-81860 (16-7) ICONE26-81860 (8-32) ICONE26-81247 (16-2) ICONE26-81708 (1-3)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012 ICONE26-81299 (s ICONE26-81305 (s Bo, Wang Bo, Yang Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel Botha, Gerrit	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-82376 (9-7) (8-2), ICONE26-81214 (3-6), (8-1), ICONE26-81283 (16-14), 100NE26-81362 (3-6), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81470 (8-30) ICONE26-81600 (16-7) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81884 (16-8)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (5- ICONE26-81305 (8- Bo, Wang Bo, Yang Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel Botha, Gerrit Bowen, Chen	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), G), ICONE26-81214 (3-6), G), ICONE26-81214 (3-6), G), ICONE26-81302 (8-1), B-12), ICONE26-81302 (8-1), ICONE26-81475 (8-6) ICONE26-814702 (8-30) ICONE26-81702 (8-30) ICONE26-81602 (6-7) ICONE26-81602 (8-32) ICONE26-817247 (16-2) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (3-3)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (7), ICONE26-81302 (8-1), ICONE26-81362 (3-6), ICONE26-81475 (8-6), ICONE26-81475 (8-6), ICONE26-81702 (8-30), ICONE26-81600 (16-7), ICONE26-81602 (8-32), ICONE26-81704 (16-2), ICONE26-81708 (1-6), ICONE26-81708 (1-6), ICONE26-81708 (1-6), ICONE26-81708 (1-6), ICONE26-81708 (1-6), ICONE26-81709 (2-4), ICONE26-81709 (2-4)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (10-6) ICONE26-81600 (16-7) ICONE26-81600 (8-32) ICONE26-81601 (16-2) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81090 (2-4) ICONE26-81430 (16-6)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3) ICONE26-81424 (15-3) ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 3-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81709 (2-4) ICONE26-81900 (2-4) ICONE26-81428 (10-3)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (6- ICONE26-81305 (8- ICONE26-81305	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 1-12), ICONE26-81362 (3-6), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81709 (2-4) ICONE26-81090 (2-4) ICONE26-81428 (10-6) ICONE26-81428 (10-6) ICONE26-81428 (10-6) ICONE26-81428 (10-10) ICONE26-81428 (10-10) ICONE26-81448 (16-2)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (5- ICONE26-81305 (8- Bo, Wang Bo, Yang Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel Botha, Gerrit Bowen, Chen Bowman, Dave Britton, Kyle Brookes, Naomi J Brown, Leslie Buck, Michael Bucknor, Matthew	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81302 (8-1), 3-16), ICONE26-81302 (3-6), ICONE26-81475 (8-6) ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81604 (16-7) ICONE26-81604 (16-8) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81709 (2-4) ICONE26-81428 (10-8) ICONE26-81428 (10-10) ICONE26-81428 (10-10) ICONE26-81428 (10-10) ICONE26-81488 (16-6) ICONE26-81428 (10-10) ICONE26-81428 (10-10) ICONE26-81488 (16-6)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 3-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81709 (2-4) ICONE26-81709 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81481 (16-2) ICONE26-81481 (16-2) ICONE26-81438 (16-17) ICONE26-81438 (3-13)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (8- ICONE26-81305 (8- Bo, Wang. Bo, Yang. Bobyr, Mykola. Bolesch, Christian. Bolotnov, Igor A. Borodkin, Pavel. Botha, Gerrit. Bowen, Chen. Bowman, Dave. Britton, Kyle. Brookes, Naomi J. Brown, Leslie. Buck, Michael. Bucknor, Matthew. Burdett, Barry. Busco, Giacomo.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), Gel), ICONE26-81214 (3-6), Gel), ICONE26-81214 (3-6), Gel), ICONE26-81302 (8-1), Gel), ICONE26-81362 (3-6), ICONE26-81475 (8-6), ICONE26-81702 (8-30) ICONE26-81602 (6-7), ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81844 (16-2), ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81709 (2-4), ICONE26-81428 (10-3), ICONE26-81428 (10-10), ICONE26-82433 (16-6), ICONE26-82433 (16-6), ICONE26-82433 (16-17), ICONE26-82364 (16-17), ICONE26-82364 (16-17), ICONE26-82366 (9-7)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), Gel), ICONE26-81214 (3-6), Gel), ICONE26-81214 (3-6), Gel), ICONE26-81302 (8-1), Gel), ICONE26-81362 (3-6), ICONE26-81475 (8-6), ICONE26-81702 (8-30) ICONE26-81602 (6-7), ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81844 (16-2), ICONE26-81702 (8-30), ICONE26-81702 (8-30), ICONE26-81702 (8-30), ICONE26-81702 (8-30), ICONE26-81709 (2-4), ICONE26-81428 (10-3), ICONE26-81428 (10-3), ICONE26-81428 (10-10), ICONE26-82364 (16-17), ICONE26-82364 (16-17), ICONE26-82364 (16-17), ICONE26-82366 (9-7)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (8- ICONE26-81305 (8- Bo, Wang. Bo, Yang. Bobyr, Mykola. Bolesch, Christian. Bolotnov, Igor A. Borodkin, Pavel. Botha, Gerrit. Bowen, Chen. Bowman, Dave. Britton, Kyle. Brookes, Naomi J. Brown, Leslie. Buck, Michael. Bucknor, Matthew. Burdett, Barry. Busco, Giacomo. Byers, William A.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (35-6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 3-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81709 (2-4) ICONE26-81709 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-10) ICONE26-82364 (16-17) ICONE26-82364 (16-17) ICONE26-82364 (16-17) ICONE26-82366 (9-7)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 3-12), ICONE26-81362 (3-6), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-814884 (16-8) ICONE26-81428 (10-3) ICONE26-82433 (16-6) ICONE26-82433 (16-6) ICONE26-81488 (10-10) ICONE26-81488 (3-3) ICONE26-81438 (3-13) ICONE26-82366 (9-7) ICONE26-82626 (3-6)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (8- ICONE26-81305 (8- Bo, Wang. Bo, Yang. Bobyr, Mykola. Bolesch, Christian. Bolotnov, Igor A. Borodkin, Pavel. Botha, Gerrit. Bowen, Chen. Bowman, Dave. Britton, Kyle. Brookes, Naomi J. Brown, Leslie. Buck, Michael. Bucknor, Matthew. Burdett, Barry. Busco, Giacomo. Byers, William A. CC Cabauy, Peter.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (10-6) ICONE26-81600 (10-6) ICONE26-81600 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81709 (2-4) ICONE26-81709 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-10) ICONE26-81428 (10-17) ICONE26-82364 (16-17) ICONE26-82364 (16-17) ICONE26-82366 (9-7) ICONE26-82366 (9-7) ICONE26-82626 (3-6)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-6)-7, ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81283 (16-14), 1-12), ICONE26-81302 (8-1), 3-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81884 (16-8) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81900 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-10) ICONE26-81438 (3-13) ICONE26-82433 (16-6) ICONE26-82433 (16-6) ICONE26-82433 (16-6) ICONE26-82433 (16-6) ICONE26-82433 (16-6) ICONE26-82436 (16-7) ICONE26-82436 (16-7) ICONE26-82436 (3-6) ICONE26-82466 (3-6)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), - ICONE26-81302 (8-1), - 3-16), ICONE26-81302 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81900 (2-4) ICONE26-81900 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-10) ICONE26-81438 (3-13) ICONE26-82364 (16-17) ICONE26-82366 (9-7) ICONE26-8266 (3-6) ICONE26-82475 (2-7) ICONE26-81278 (3-10), ICONE26-81278 (3-10), ICONE26-81278 (3-10), ICONE26-81278 (3-10), ICONE26-81279 (3-12),
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (5- ICONE26-81305 (8- Bo, Wang Bo, Yang Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel Botha, Gerrit Bowen, Chen Bowman, Dave Britton, Kyle Brookes, Naomi J Brown, Leslie Buck, Michael Bucknor, Matthew Burdett, Barry Busco, Glacomo Byers, William A. C C Cabauy, Peter Cai, FengChun	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81302 (8-1), 3-16), ICONE26-81302 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81844 (16-8) ICONE26-81702 (8-30) ICONE26-81800 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-10) ICONE26-81438 (3-13) ICONE26-82366 (9-7) ICONE26-82626 (3-6) ICONE26-81278 (3-10), ICONE26-81278 (3-10), ICONE26-81279 (3-12), ICONE26-81537 (9-1)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81214 (3-6), 6), ICONE26-81302 (8-1), 8-16), ICONE26-81302 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81702 (8-30) ICONE26-81844 (16-8) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-82366 (9-7) ICONE26-82626 (3-6) ICONE26-81278 (3-10), ICONE26-8179 (3-12), ICONE26-8179 (3-12), ICONE26-81379 (3-12),
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (8- ICONE26-81305 (8- Bo, Wang. Bo, Yang. Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel Botha, Gerrit. Bowen, Chen Bowman, Dave Britton, Kyle. Brookes, Naomi J. Brown, Leslie Buck, Michael Bucknor, Matthew Burdett, Barry. Busco, Giacomo Byers, William A. CC Cabauy, Peter Cai, FengChun. ICONE26-81342 Cai, Guangbo. Cai, Jiejin. Cai, Lijian.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81214 (3-6), (6-2), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (6), ICONE26-81302 (8-1), (8-12), ICONE26-81302 (8-1), (8-16), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81600 (16-7) ICONE26-81600 (16-7) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81702 (8-30) ICONE26-81709 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-10) ICONE26-81428 (10-10) ICONE26-81428 (10-10) ICONE26-82364 (16-17) ICONE26-82364 (16-17) ICONE26-82364 (16-27) ICONE26-81488 (3-13) ICONE26-81278 (3-10), ICONE26-81279 (3-12), ICONE26-81237 (2-11) ICONE26-81337 (2-11) ICONE26-81337 (2-11) ICONE26-81337 (1-14)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiang ICONE26-81012	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (7), ICONE26-81302 (8-1), (8-12), ICONE26-81302 (8-1), (8-13), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81900 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-82366 (9-7) ICONE26-8266 (3-6) ICONE26-81279 (3-12), ICONE26-81237 (2-11) ICONE26-81337 (9-1) ICONE26-81397 (11-4) ICONE26-81397 (11-4) ICONE26-81397 (11-4) ICONE26-81537 (9-11) ICONE26-81363 (8-38)
Bischoff, Samuel E. Bluck, Michael J. Bo, HanLiangICONE26-81012 ICONE26-81281 (3- ICONE26-81299 (8- ICONE26-81305 (8- Bo, Wang. Bo, Yang. Bobyr, Mykola Bolesch, Christian Bolotnov, Igor A. Borodkin, Pavel Botha, Gerrit. Bowen, Chen Bowman, Dave Britton, Kyle. Brookes, Naomi J. Brown, Leslie Buck, Michael Bucknor, Matthew Burdett, Barry. Busco, Giacomo Byers, William A. CC Cabauy, Peter Cai, FengChun. ICONE26-81342 Cai, Guangbo. Cai, Jiejin. Cai, Lijian.	ICONE26-81896 (11-1) ICONE26-81424 (15-3), ICONE26-81424 (15-3), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (6), ICONE26-81214 (3-6), (7), ICONE26-81302 (8-1), (8-12), ICONE26-81302 (8-1), (8-13), ICONE26-81362 (3-6), ICONE26-81475 (8-6) ICONE26-81702 (8-30) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81602 (8-32) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81708 (1-3) ICONE26-81900 (2-4) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81428 (10-3) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-82366 (9-7) ICONE26-8266 (3-6) ICONE26-81279 (3-12), ICONE26-81237 (2-11) ICONE26-81337 (9-1) ICONE26-81397 (11-4) ICONE26-81397 (11-4) ICONE26-81397 (11-4) ICONE26-81537 (9-11) ICONE26-81363 (8-38)

Cai, YunICONE26-81205 (2-5	
Cambareri, Joseph J.	ICONE26-81247 (16-2)
Cammi, Antonio	.ICONE26-82339 (8-39),
00.1	ICONE26-82507 (8-24)
Cao, Guohai	
Cao, JianzhuICONE26-81232 (3-	
Cao, Liangzhi ICONE26-81041 (2-5	
ICONE26-81388 (10-1 ICONE26-82008 (2-12	
IGUNE20-82008 (2-12), IUUNEZO-82 196 (2-5),
Cao, Penghui. ICONE26-82403 (3-13),	IUUINEZU-0ZUJO (Z-Z)
Cao, Qiong	
Cao, Xuewu. ICONE26-81235 (16-15),	ICONE26-81314 (16-11)
Cao, Zeng	
Cappelli, Mauro	
Caramello, Marco	
Carénini, Laure	
Carr, Braedon	ICONE26-81001 (16-4)
Cartland-Glover, Gregory M.	
Carvalho, Luisa	ICONE26-81853 (10-7),
Casel, Brian	ICONE26-82436 (9-6)
Casoria, Federica	
Cassiaut-Louis, Nathalie	
Cecchi, Riccardo.	ICONE26-82290 (4-5)
Cervone, Antonio	
Cesbron, Mickael	
Chabal, Caroline	
Chae, Myeong-Seon	
Chaffard, Fabien	ICONE26-81147 (10-3)
Chagnot, Christophe	
01 D. IIV. 100NE00 04040 (0.4)	ICONE26-82408 (9-9)
Chan, Paul KICONE26-81013 (2-1),	ICUNE26-81461 (16-12)
Chan, WaiLam	
Chang, Gao	
Chao, Der-Sheng	
Chao, Fei	
Chao, Lin	ICUNE20-021U3 (0-14)
Chatoorgoon, Vijay	ICUNE20-02343 (13-3) ICONE26-81150 (8-2)
Chávez-Mercado, Carlos	
Chen, Bingde	
Chen, ChenICONE26-81929 (3-	4) ICONE26-82327 (6-9)
Chen, Chunhua	
Chen, Feng	
Chen, Guangliang	ICONE26-81231 (8-14),
	ICONE26-81284 (9-4)
Chen, Hao	
Chen, Haofeng	ICONE26-82386 (16-5)
Chen, HongICONE26-81547 (9-4)), ICONE26-82454 (9-11)
Chen, Hongli	ICONE26-81973 (8-23)
Chen, Hongyu	
Chen, Jing ICONE26-81551 (16-17)	
Chen, Jingen	
	ICONE26-81075 (8-2)
Chen, Jingtan	
Chen, Jingtan	ICONE26-81865 (6-4)
Chen, Jingtan Chen, Juan Chen, Junjun	ICONE26-81865 (6-4) ICONE26-81616 (10-6)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai	ICONE26-81865 (6-4) ICONE26-81616 (10-6) ICONE26-81038 (8-6)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10	ICONE26-81865 (6-4) ICONE26-81616 (10-6) ICONE26-81038 (8-6))), ICONE26-81196 (2-7),
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5)	ICONE26-81865 (6-4) ICONE26-81616 (10-6) ICONE26-81038 (8-6))), ICONE26-81196 (2-7),), ICONE26-82239 (13-4)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei	ICONE26-81865 (6-4) . ICONE26-81616 (10-6) ICONE26-81038 (8-6))), ICONE26-81196 (2-7),), ICONE26-82239 (13-4) ICONE26-81862 (6-9)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang	ICONE26-81865 (6-4) . ICONE26-81616 (10-6) ICONE26-81038 (8-6) .)), ICONE26-81196 (2-7), ICONE26-82239 (13-4) ICONE26-81862 (6-9) ICONE26-81665 (2-8)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 Chen, Lei Chen, Lei Chen, Lei Chen, Lei Chen, Liang Chen, Lie	ICONE26-81865 (6-4) ICONE26-81616 (10-6) .ICONE26-81038 (8-6))), ICONE26-81196 (2-7), , ICONE26-82239 (13-4) .ICONE26-81862 (6-9) .ICONE26-81665 (2-8) .ICONE26-81849 (7-3)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-	ICONE26-81865 (6-4) ICONE26-81616 (10-6) ICONE26-81038 (8-6))), ICONE26-81196 (2-7),), ICONE26-8239 (13-4) ICONE26-81862 (6-9) ICONE26-81665 (2-8) ICONE26-81849 (7-3) 8), ICONE26-81541 (2-8)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-16 Chen, Lei ICONE26-82219 (6-5) Chen, Lei Chen, Lian Chen, Liutao ICONE26-81540 (2-6) Chen, Liutao ICONE26-82606 (6-6)	ICONE26-81865 (6-4) ICONE26-81616 (10-6) ICONE26-81038 (8-6) J), ICONE26-81196 (2-7), J, ICONE26-82239 (13-4) ICONE26-81862 (6-9) ICONE26-81665 (2-8) ICONE26-81849 (7-3) B), ICONE26-81541 (2-8) 7), ICONE26-82624 (7-5)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-16 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Lie Chen, Liutao ICONE26-81540 (2-6) Chen, Liwei ICONE26-82606 (6-6) Chen, Meilan ICONE26-82162 (6-6)	ICONE26-81865 (6-4) .ICONE26-81616 (10-6) ICONE26-81618 (8-6)), ICONE26-81196 (2-7), , ICONE26-82239 (13-4) ICONE26-81862 (6-9) ICONE26-81865 (2-8) ICONE26-81849 (7-3) 8), ICONE26-81541 (2-8) 7), ICONE26-82624 (7-5) 7), ICONE26-82624 (7-5)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Lie Chen, Liutao ICONE26-81540 (2- Chen, Liwei ICONE26-82162 (6- Chen, Meilan ICONE26-82162 (6- Chen, Ronghua ICONE26-81544 (8-	ICONE26-81865 (6-4) ICONE26-81616 (10-6) ICONE26-81618 (8-6)), ICONE26-81198 (2-7), , ICONE26-82239 (13-4) ICONE26-81862 (6-9) ICONE26-81665 (2-8) ICONE26-81649 (7-3) 8), ICONE26-81541 (2-8) 7), ICONE26-82624 (7-5) 7), ICONE26-82192 (9-9) 1), ICONE26-81948 (9-2)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-6) Chen, Liwei ICONE26-82162 (6-6) Chen, Meilan ICONE26-81544 (8-6) Chen, Shao-Wen	ICONE26-81865 (6-4) .ICONE26-81616 (10-6)ICONE26-81038 (8-6)), ICONE26-81038 (8-6)), ICONE26-82239 (13-4)ICONE26-81862 (6-9)ICONE26-81665 (2-8)ICONE26-81849 (7-3) 8), ICONE26-81541 (2-8) 77, ICONE26-82624 (7-5) 77, ICONE26-82192 (9-9) 11, ICONE26-81948 (9-2)ICONE26-81230 (8-12)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-6) Chen, Liwei ICONE26-82606 (6-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Ronghua ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shian	ICONE26-81865 (6-4) ICONE26-81616 (10-6)ICONE26-81038 (8-6))), ICONE26-81196 (2-7), .), ICONE26-8139 (13-4)ICONE26-81862 (6-9)ICONE26-81862 (6-9)ICONE26-81849 (7-3) 8), ICONE26-81541 (2-8) 7), ICONE26-82624 (7-5) 7), ICONE26-82192 (9-9) I, ICONE26-81948 (9-2)ICONE26-81230 (8-12)ICONE26-81230 (8-12)ICONE26-81643 (6-2)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-16 ICONE26-82219 (6-5) Chen, Lei Chen, Lian Chen, Lian Chen, Lii Chen, Lii Chen, Liwi ICONE26-81540 (2-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Meilan ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shi Chen, Sijuan	ICONE26-81865 (6-4) .ICONE26-81616 (10-6) .ICONE26-81038 (8-6) .), ICONE26-81196 (2-7), .), ICONE26-81862 (6-9)ICONE26-81862 (6-9)ICONE26-81849 (7-3) 8), ICONE26-81541 (2-8) 7), ICONE26-81640 (7-5) 7), ICONE26-82624 (7-5) 7), ICONE26-81948 (9-2)ICONE26-81208 (8-2)ICONE26-81208 (8-2)ICONE26-81430 (8-12)ICONE26-81643 (6-2)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-16 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Lie Chen, Liutao ICONE26-81540 (2-6) Chen, Liutao ICONE26-82606 (6-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Ronghua ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shi Chen, Sijuan ICONE26-82472 (14-5)	ICONE26-81865 (6-4) .ICONE26-81616 (10-6) .ICONE26-81038 (8-6) .), ICONE26-81108 (8-6) .), ICONE26-81239 (13-4)ICONE26-81862 (6-9)ICONE26-81865 (2-8)ICONE26-81849 (7-3) 8), ICONE26-81541 (2-8) 7), ICONE26-81640 (4-5) .), ICONE26-81948 (9-2)ICONE26-81230 (8-12)ICONE26-81643 (6-2)ICONE26-82563 (14-5),ICONE26-82590 (14-1)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-16 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-6) Chen, Liutao ICONE26-82606 (6-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Ronghua ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shi Chen, Sijuan ICONE26-82472 (14-5) Chen, Ting Hsuan	ICONE26-81865 (6-4) .ICONE26-81616 (10-6)ICONE26-81616 (10-6)ICONE26-811038 (8-6)), ICONE26-81196 (2-7), , ICONE26-82239 (13-4)ICONE26-81862 (6-9)ICONE26-81865 (2-8)ICONE26-81541 (2-8) 7, ICONE26-825624 (7-5) 7, ICONE26-82192 (9-9) 11, ICONE26-81230 (8-12)ICONE26-8140 (8-12)ICONE26-81643 (6-2)ICONE26-82563 (14-5),ICONE26-82590 (14-1)ICONE26-81161 (12-2)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-6) Chen, Liutei ICONE26-82606 (6-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Ronghua ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shi Chen, Sijuan ICONE26-82472 (14-5) Chen, Ting Hsuan Chen, Xiaohuan	ICONE26-81865 (6-4) .ICONE26-81616 (10-6)ICONE26-81038 (8-6)).ICONE26-81038 (8-6)).ICONE26-81239 (13-4)ICONE26-82239 (13-4)ICONE26-81862 (6-9)ICONE26-81865 (2-8)ICONE26-81541 (2-8) 7,ICONE26-8254 (7-5) 7,ICONE26-82192 (9-9) 1),ICONE26-81230 (8-12)ICONE26-81230 (8-12)ICONE26-81643 (6-2)ICONE26-82590 (14-1)ICONE26-82590 (14-1)ICONE26-81611 (12-2)ICONE26-81611 (12-2)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-6) Chen, Liwei ICONE26-82162 (6-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Ronghua ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shi Chen, Sijuan ICONE26-82472 (14-5) Chen, Ting Hsuan Chen, Xiaohuan Chen, Xiaoming	ICONE26-81865 (6-4) .ICONE26-81616 (10-6)ICONE26-81038 (8-6)), ICONE26-81038 (8-6)), ICONE26-81939 (13-4)ICONE26-82239 (13-4)ICONE26-81862 (6-9)ICONE26-81665 (2-8)ICONE26-81541 (2-8) 71, ICONE26-81541 (2-8) 71, ICONE26-82624 (7-5) 71, ICONE26-82192 (9-9) 11, ICONE26-81930 (8-12)ICONE26-81643 (6-2)ICONE26-81643 (6-2)ICONE26-82590 (14-5)ICONE26-81611 (12-2)ICONE26-81611 (12-2)ICONE26-8250 (5-4)ICONE26-8250 (5-4)ICONE26-8250 (5-4)ICONE26-8250 (5-4)ICONE26-8250 (5-4)ICONE26-8250 (5-4)ICONE26-81797 (1-3)
Chen, Jingtan Chen, Juan Chen, Junjun Chen, Kai Chen, Lei ICONE26-81191 (9-10 ICONE26-82219 (6-5) Chen, Lei Chen, Liang Chen, Liutao ICONE26-81540 (2-6) Chen, Liutei ICONE26-82606 (6-6) Chen, Meilan ICONE26-82162 (6-6) Chen, Ronghua ICONE26-81544 (8-6) Chen, Shao-Wen Chen, Shi Chen, Sijuan ICONE26-82472 (14-5) Chen, Ting Hsuan Chen, Xiaohuan	ICONE26-81865 (6-4) .ICONE26-81616 (10-6)ICONE26-81038 (8-6))), ICONE26-81196 (2-7), .), ICONE26-81938 (8-6) .), ICONE26-8239 (13-4)ICONE26-81862 (6-9)ICONE26-81665 (2-8)ICONE26-81665 (2-8)ICONE26-81541 (2-8) .7), ICONE26-81541 (2-8) .7), ICONE26-8192 (9-9) .1), ICONE26-81930 (8-12)ICONE26-81930 (8-12)ICONE26-81643 (6-2)ICONE26-81643 (14-5),ICONE26-816161 (12-2)ICONE26-81550 (14-1)ICONE26-81550 (5-4)ICONE26-81590 (1-1)ICONE26-81590 (1-1)

Chen, YaodongICONE26-81271 (13	
Chen, ZhaoxuICONE26-81584 (1-	-5), ICONE26-81829 (4-6),
Chen, ZhiICONE26-81486 (4-	IUUNE26-824/3 (6-6)
CHEII, ZIIIICUNEZO-01400 (4	
Chen, Zhibin	ICONE26-82030 (5-3)
Chen, Zhihui	
Cheng, Kun ICONE26-81225 (8-21	
Cheng, Ning	
Cheng, Tangpei	
Cheng, Xiaoman	
Cherubini, Nadia	
Cheu, DarrellICONE26-81109 (16 Chevalier, Yann	
Chiba, Go.	, ,
Chieng, Ching-chang	
Chikazawa, Yoshitaka	ICONE26-82567 (6-10)
Chitose, Hiromasa	ICONE26-82045 (7-4)
Chitose, Keiko	
Cho, Hyoung Kyu	
Cho, Nak-Kyun	
Cho, SeokICONE26-82006 (8-2 Cho, Yun-JeICONE26-82006 (8-2	0), ICONE26-82091 (8-21)
Chodorge, Laurent	
Choi, Byunghyun	ICONE26-82034 (14-4)
Choi, Geun-Suk	ICONE26-82603 (7-2)
Choi, Jae Yoon	
Choi, Kyoung Joon	ICONE26-82469 (3-7)
Choi, Kyungwoo	
Choi, Nam HyunICONE26-81458 (8	
Choi, Wonjun	ICONE26-81773 (16-12),
Ohana Ohan	
Chong, Chen	
Christensen, Richard	
Chu, David	
Chu, Meng	
Chu, Sung-Min	
Chuda, Kyoichi	
Chun, Ji-Han	
	ICONE26-82010 (8-31).
Chung, Bum-Jin	ICONE26-82028 (11-3)
Chung, Bum-Jin	ICONE26-82028 (11-3)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio.	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6)
Chvala, Ondrej	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2)
Chung, Bum-Jin	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9),
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1)	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), 0), ICONE26-82546 (8-27)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-81743 (9- ICONE26-82381 (2-1) Coeck, Michèle	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), 0, ICONE26-82546 (8-27) ICONE26-82611 (12-1),
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, LeonICONE26-82611 (12- Clifford, IvorICONE26-81743 (9- ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81833 (13-2)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Cifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), 0), ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81101 (9-12)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-81743 (9- ICONE26-82381 (2-1- Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4)	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) B), ICONE26-81749 (8-9), 0), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81101 (9-12) 4), ICONE26-81191 (9-10),
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Cifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), 0), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5),
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-81743 (9- ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4) ICONE26-81196 (2-	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-8183 (13-2) ICONE26-81191 (9-10), -7), ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82239 (13-4)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2- Connick, Rachel	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82412 (12-2) -8), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82541 (12-1), ICONE26-82612 (12-2) ICONE26-81101 (9-12) 4), ICONE26-81101 (9-12) 4), ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82493 (13-4) ICONE26-82493 (3-13), ICONE26-82457 (16-10)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Connick, Rachel Corcoran, Emily	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82612 (12-2) -8), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81101 (9-12) 4), ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-8239 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4) ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) -8), ICONE26-81749 (8-9), 0), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82493 (3-13), ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-81009 (8-32)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-81743 (9- ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4- ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A.	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-81813 (13-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-8219 (6-5), ICONE26-82497 (16-10) ICONE26-82497 (16-10) ICONE26-82457 (16-10) ICONE26-81009 (8-32) ICONE26-81009 (8-32) ICONE26-81009 (8-32) ICONE26-82510 (14-5)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-81743 (9- ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4- ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J.	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82540 (8-27) ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-82219 (6-5) ICONE26-82493 (13-4) ICONE26-82497 (16-10) ICONE26-82457 (16-10) ICONE26-81009 (8-32) ICONE26-81009 (8-32) ICONE26-82510 (14-5) ICONE26-82560 (1-2)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82540 (8-27) ICONE26-82612 (12-2) ICONE26-81833 (13-2) ICONE26-81191 (9-10), -7), ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82493 (3-13), ICONE26-82497 (16-10) ICONE26-81401 (16-12) ICONE26-82510 (14-5) ICONE26-82510 (14-5) ICONE26-82560 (1-2) ICONE26-81801 (16-5)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2) Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) .1), ICONE26-82612 (12-2) -8), ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-81101 (9-12) ICONE26-81101 (9-10), -7), ICONE26-8219 (6-5), ICONE26-82239 (13-4) ICONE26-82493 (3-13), ICONE26-82497 (16-10) ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-81009 (8-32) ICONE26-82560 (1-2) ICONE26-81801 (14-5) ICONE26-81801 (16-5) ICONE26-81801 (16-5) ICONE26-81801 (16-5)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4) ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) -8), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-81101 (9-12) -7), ICONE26-81101 (9-12) ICONE26-8219 (6-5), ICONE26-82219 (6-5), ICONE26-8239 (13-4) ICONE26-82493 (3-13), ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-8250 (14-5) ICONE26-8250 (1-2) ICONE26-81401 (16-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2) Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) -8), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-81101 (9-12) -7), ICONE26-81101 (9-12) ICONE26-8219 (6-5), ICONE26-82219 (6-5), ICONE26-8239 (13-4) ICONE26-82493 (3-13), ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-8250 (14-5) ICONE26-8250 (1-2) ICONE26-81401 (16-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) -8), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-81101 (9-12) -7), ICONE26-81101 (9-12) ICONE26-8219 (6-5), ICONE26-82219 (6-5), ICONE26-8239 (13-4) ICONE26-82493 (3-13), ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-8250 (14-5) ICONE26-8250 (1-2) ICONE26-81401 (16-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) -8), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-81101 (9-12) -7), ICONE26-81101 (9-12) -7), ICONE26-8219 (6-5), ICONE26-82219 (6-5), ICONE26-8239 (13-4) ICONE26-82493 (3-13), ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-81009 (8-32) ICONE26-81009 (8-32) ICONE26-8101 (14-5) ICONE26-81501 (14-5) ICONE26-81801 (16-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81190 (5-1)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) 8), ICONE26-81749 (8-9), 0), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82612 (12-2) ICONE26-81883 (13-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82219 (6-5), ICONE26-82219 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-82510 (14-5) ICONE26-82500 (1-2) ICONE26-81801 (16-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81172 (1-2)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-81743 (9- ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4- ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) -8), ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-81883 (13-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82239 (13-4) ICONE26-82439 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-81501 (14-5) ICONE26-81501 (14-5) ICONE26-81801 (16-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81172 (1-2) ICONE26-81172 (1-2) ICONE26-81172 (1-2)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-8	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82612 (12-2) ICONE26-81813 (13-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10) ICONE26-82199 (6-5) ICONE26-82219 (6-5) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81609 (8-32) ICONE26-81609 (8-32) ICONE26-81801 (16-5) ICONE26-81801 (16-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81172 (1-2) ICONE26-81172 (1-2) ICONE26-81597 (8-30) ICONE26-82608 (8-19) 3), ICONE26-82608 (8-19) 3), ICONE26-81597 (8-30)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-8- ICONE26-82137 (6-1)	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2)-8), ICONE26-82612 (12-2)-8), ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-81101 (9-12)-4), ICONE26-81101 (9-12)-4), ICONE26-81191 (9-10), ICONE26-8219 (6-5), ICONE26-82239 (13-4), ICONE26-82403 (3-13), ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-8109 (8-32) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81172 (1-2) ICONE26-81597 (8-30), ICONE26-82560 (1-2) ICONE26-82574 (15-1) ICONE26-82574 (15-1) ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-82519 (13-2)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2) Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 Dai, Lu ICONE26-81367 (3-6 Dai, Lu ICONE26-81367 (3-6 Dai, Lu ICONE26-81367 (3-6 Dai, Lu ICONE26-81267 (3-6	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2)-8), ICONE26-82612 (12-2)-8), ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-81101 (9-12) ICONE26-81101 (9-12) ICONE26-81191 (9-10) ICONE26-82219 (6-5), ICONE26-82239 (13-4) ICONE26-82403 (3-13), ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-8250 (1-2) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81172 (1-2) ICONE26-82574 (15-1) ICONE26-82574 (15-1) ICONE26-82574 (15-1) ICONE26-82580 (1-2) ICONE26-81172 (1-2) ICONE26-82580 (3-19) ICONE26-82580 (3-19) ICONE26-82580 (8-19) ICONE26-82580 (8-19) ICONE26-82581 (13-2) ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-815741 (3-10), ICONE26-81741 (3-
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 ICONE26-81267 (3-6 Dai, Lu ICONE26-81267 (3-6 ICONE26-8	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-81883 (13-2) ICONE26-81101 (9-12) ICONE26-81101 (9-12) ICONE26-82219 (6-5), ICONE26-82219 (6-5), ICONE26-82239 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-82510 (14-5) ICONE26-82510 (14-5) ICONE26-82510 (14-5) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-82313 (13-2) ICONE26-82183 (13-2) ICONE26-82183 (13-2)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 ICONE26-81938 (3- Dal, Morgan	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-81883 (13-2) ICONE26-81101 (9-12) ICONE26-81101 (9-12) ICONE26-82219 (6-5), ICONE26-82219 (6-5), ICONE26-82239 (13-4) ICONE26-82497 (16-10) ICONE26-82407 (16-10) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-82510 (14-5) ICONE26-82510 (14-5) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (13-2) ICONE26-81531 (13-2) ICONE26-81831 (13-2) ICONE26-82311 (13-2) ICONE26-82183 (8-28) ICONE26-81864 (10-9)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Zhiqiang Cuiyun, Wang D D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 ICONE26-8137 (6-1) Dai, Lu ICONE26-81938 (3-1) Dal, Morgan Dan, Peng	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82611 (12-2) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-8219 (13-4) ICONE26-82239 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81501 (14-5) ICONE26-81591 (14-5) ICONE26-8159 (5-5) ICONE26-81190 (5-1) ICONE26-81172 (1-2) ICONE26-81597 (8-30), 1, ICONE26-82531 (13-2) ICONE26-81797 (8-30), 1, ICONE26-81797 (8-30), 1, ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81520 (6-9)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1 Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1 Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jhigdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 Dai, Lu ICONE26-81267 (3-6 Dai, Lu ICONE26-8138 (3-Dai, Morgan Dan, Peng Dang, Junjie	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82540 (8-27) ICONE26-82540 (8-27) ICONE26-82540 (8-27) ICONE26-82611 (12-1), ICONE26-82611 (12-2) ICONE26-81101 (9-12) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-82439 (13-4) ICONE26-82439 (13-4) ICONE26-82439 (13-4) ICONE26-82457 (16-10) ICONE26-82403 (3-13), ICONE26-82457 (16-10) ICONE26-81461 (16-12) ICONE26-81500 (14-5) ICONE26-81500 (1-2) ICONE26-81500 (1-2) ICONE26-81500 (5-1) ICONE26-81172 (1-2) ICONE26-81172 (1-2) ICONE26-81597 (8-30), ICONE26-81590 (9-1) ICONE26-81590 (9-1)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 ICONE26-82137 (6- Dai, Lu ICONE26-81267 (3-6 ICONE26-81938 (3- Dan, Peng Dang, Junjie Das, Arnav	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) ICONE26-82612 (12-2) ICONE26-82617 (12-2) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-81101 (9-12) ICONE26-81101 (9-12) ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82239 (13-4) ICONE26-82403 (3-13), ICONE26-82403 (3-13), ICONE26-82467 (16-10) ICONE26-82467 (16-10) ICONE26-81461 (16-12) ICONE26-8150 (14-5) ICONE26-81501 (13-2) ICONE26-81501 (13-2) ICONE26-81507 (8-30), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81564 (10-9) ICONE26-81560 (9-1) ICONE26-81520 (6-9) ICONE26-82600 (9-1) ICONE26-82600 (9-1) ICONE26-82600 (9-1) ICONE26-82600 (9-1) ICONE26-82600 (16-5)
Chung, Bum-Jin Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2) Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-8 ICONE26-81267 (3-8 ICONE26-81938 (3- Dal, Morgan Dan, Peng Dang, Junjie Das, Arnav Daubner, Markus	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-82611 (12-2) ICONE26-81101 (9-12) ICONE26-81101 (9-12), ICONE26-81191 (9-10), -7), ICONE26-82219 (6-5), ICONE26-82239 (13-4) ICONE26-82493 (3-13), ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81009 (8-32) ICONE26-81009 (8-32) ICONE26-81500 (1-2) ICONE26-81501 (14-5) ICONE26-81501 (14-5) ICONE26-81501 (14-5) ICONE26-81501 (16-5) ICONE26-81501 (16-5) ICONE26-81501 (16-5) ICONE26-81501 (13-2) ICONE26-81501 (13-2) ICONE26-81501 (13-2) ICONE26-81501 (13-2) ICONE26-81507 (8-30), ICONE26-81507 (8-30), ICONE26-81507 (8-30), ICONE26-81502 (6-9) ICONE26-81800 (9-1) ICONE26-82450 (16-5) ICONE26-82450 (16-5) ICONE26-82450 (16-5) ICONE26-82450 (16-5) ICONE26-82450 (16-5) ICONE26-824313 (8-30) ICONE26-82213 (8-30) ICONE26-8221
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 Dai, Lu ICONE26-8138 (3-1) Dal, Morgan Dang, Junjie Das, Arnav Daubner, Markus Day, Simon E de Haas, Simon	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-81813 (13-2) ICONE26-81191 (9-10), -7), ICONE26-81191 (9-10), -7), ICONE26-82239 (13-4) ICONE26-82239 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81610 (14-5) ICONE26-81610 (14-5) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81597 (8-30), 1), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-82133 (8-28) ICONE26-82438 (8-28) ICONE26-82438 (8-29) ICONE26-82438 (8-30)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1) Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1) Corcoran, Emily Crepeau, John Cronje, Willem A Croxford, Anthony J Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6 Dai, Lu ICONE26-81367 (3-6 Dai, Lu ICONE26-8138 (3-1) Dang, Junjie Dang, Junjie Das, Arnav Daubner, Markus Day, Simon E.	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82416 (5-6) 1), ICONE26-82612 (12-2) ICONE26-82546 (8-27) ICONE26-82546 (8-27) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-81813 (13-2) ICONE26-81191 (9-10), -7), ICONE26-81191 (9-10), -7), ICONE26-82239 (13-4) ICONE26-82239 (13-4) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-81610 (14-5) ICONE26-81610 (14-5) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81539 (5-1) ICONE26-81597 (8-30), 1), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-82133 (8-28) ICONE26-82438 (8-28) ICONE26-82438 (8-29) ICONE26-82438 (8-30)
Chvala, Ondrej Cismondi, Fabio Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1- Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4- ICONE26-81196 (2- Connick, Rachel Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-6- ICONE26-82137 (6- Dai, Lu ICONE26-81267 (3-6- Dai, Lu ICONE26-81938 (3- Dan, Peng Dang, Junjie Das, Arnav Daubner, Markus Day, Simon E. de Haas, Simon De Luna, Brandon	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-82611 (12-2) ICONE26-81833 (13-2) ICONE26-81101 (9-10), -7), ICONE26-81191 (9-10), -7), ICONE26-8219 (6-5), ICONE26-82239 (13-4) ICONE26-82493 (3-13), ICONE26-82495 (16-10) ICONE26-82495 (16-10) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81597 (8-30), 1), ICONE26-81597 (8-30), 1), ICONE26-81597 (8-30), 1), ICONE26-81884 (10-9) ICONE26-81884 (10-9) ICONE26-81864 (10-9) ICONE26-8169 (1-5) ICONE26-82412 (16-5) ICONE26-82412 (16-5) ICONE26-82413 (3-30) ICONE26-82413 (3-30) ICONE26-82413 (13-1) ICONE26-81311 (13-1) ICONE26-81111 (13-1) ICONE26-81111 (13-1) ICONE26-81593 (16-4)
Chvala, Ondrej Cismondi, Fabio. Cizelj, Leon ICONE26-82611 (12- Clifford, Ivor ICONE26-82381 (2-1 Coeck, Michèle Cong, Shen Cong, Tenglong Cong, Wang ICONE26-81159 (13-4 ICONE26-81196 (2-1 Corcoran, Emily Crepeau, John Cronje, Willem A. Croxford, Anthony J. Cui, Jingdan Cui, Shijie Cui, Zhiqiang Cuiyun, Wang D'Auria, Francesco Dabbene, Frédéric Dai, Chunhui ICONE26-81267 (3-8 ICONE26-82137 (6-1) Dai, Lu ICONE26-81267 (3-8 ICONE26-81938 (3-1) Dal, Morgan Dang, Junjie Das, Arnav Daubner, Markus Day, Simon E. de Haas, Simon	ICONE26-82028 (11-3) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82385 (2-2) ICONE26-82612 (12-2) ICONE26-82612 (12-2) ICONE26-82611 (12-1), ICONE26-82611 (12-1), ICONE26-82611 (12-2) ICONE26-81833 (13-2) ICONE26-81101 (9-10), -7), ICONE26-81191 (9-10), -7), ICONE26-8219 (6-5), ICONE26-82239 (13-4) ICONE26-82493 (3-13), ICONE26-82495 (16-10) ICONE26-82495 (16-10) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81190 (5-1) ICONE26-81190 (5-1) ICONE26-81539 (5-5) ICONE26-81539 (5-5) ICONE26-81597 (8-30), 1), ICONE26-81597 (8-30), 1), ICONE26-81597 (8-30), 1), ICONE26-81884 (10-9) ICONE26-81884 (10-9) ICONE26-81864 (10-9) ICONE26-8169 (1-5) ICONE26-82412 (16-5) ICONE26-82412 (16-5) ICONE26-82413 (3-30) ICONE26-82413 (3-30) ICONE26-82413 (13-1) ICONE26-81311 (13-1) ICONE26-81111 (13-1) ICONE26-81111 (13-1) ICONE26-81593 (16-4)

De Ridder, Jeroen	ICONE26-81730 (9-10)
De Rosis, Alessandro	ICONE26-81663 (9-2)
De Sanctis, Stefania	
Declercq, Cedric	
Decobert, Veronique	
Degroote, Joris	ICONE26-81730 (9-10)
Del Nevo, Alessandro	ICONE26-82419 (8-23)
20111010,711000011010	ICONE26-82589 (8-20)
Del Serra, Daniele	ICONE26-82378 (5-7)
Deli, Luo	
Demachi, Kazuyuki	
Domacii, Nazayan	
	ICONE26-82578 (6-2)
Demarly, Etienne.	ICONE26-82426 (9-5)
Deng, Chunrui	ICONF26-81899 (11-2)
Deng, Jian	ICONE26-82031 (8-35)
Deng, Kuanghan	
201g, radigram	ICONE26-81844 (8-27)
Deng, LiICONE26-81709 (2-4) ICONE26-82252 (15-2)
Deng, Wei	
Deng, Xinjie	
Deng, YongjunICONE26-81540 (2-	
Dennett, Cody	
Dezhong, Wang ICONE26-81398 (9-1	2) ICONE26-82296 (3-6)
Di Filippo, Marco	ICONF26-81445 (16-4)
Di Gironimo, Giuseppe	
Dr dilonino, didooppe	
Di Lecce, Francesco	
Di Piazza, IvanICONE26-81216 (5-2	
ICONE26-81434 (15-5)	
10011220 01 101 (10 0)	
Diao, Xingzhong	' '
Dieguez Porras, Pedro.	
Diogade Contact Contact	
Ding, Dongmei	
Ding, Hongchun	
Ding, Ming ICONE26-81242 (8-21	
Ding, Yunlong.	
Do, Minjae	
Dodaro, Alessandro	
Dong, Bing	
Dong, Bo	ICONE26-82630 (8-36)
Dong, ChunlingICONE26-81484 (6-1)), ICONE26-81636 (14-3)
Dong, Milton	ICONE26-82627 (3-10)
Dong, Qi	ICONE26-81399 (14-2)
Dong, Xiaomeng ICONE26-81231 (8-1	4), ICONE26-81284 (9-4)
Dong, ZheICONE26-82556 (4-4	
, , , , , , , , , , , , , , , , , , ,	ICONE26-82579 (13-3)
Dongiovanni, Danilo Nicola	
Draup, Jefri	ICONE26-81090 (2-4)
Drescher, Adam	
Droguett, Enrique	. ICONE26-81130 (14-2)
Du, Fenglei	ICONE26-81071 (6-6)
Du, Guowei	ICONE26-81132 (3-8)
Du, Jingyu ICONE26-81283 (16-1-	4), ICONE26-81302 (8-1)
Du, Jinyan	. ICONE26-81272 (14-2)
Du, Kashuai	
Du, Peng	ICONE26-81600 (8-23)
Du, Yu	
Duan, Guangtao	ICONE26-82037 (8-3)
Duan, Minghui	
Duan, Wenshan	ICONE26-81474 (2-7)
Duan, Yu	ICONE26-82376 (9-7)
Dubyk, Yaroslav	
Dulla Candra ICONEGO 00000 (0.00)	IUUNE20-02303 (10-2)
Dulla, Saliula IUUNE20-02339 (0-39), ICONE26-82507 (8-24)
Dupleac, Daniel), ICONE26-82507 (8-24)
Dupleac, Daniel), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1)
Dupleac, Daniel Duzhy, Vyacheslav Dwyer, Lynn), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1) ICONE26-81090 (2-4)
Dupleac, Daniel), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1) ICONE26-81090 (2-4)
Dupleac, Daniel Duzhy, Vyacheslav Dwyer, Lynn), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1) ICONE26-81090 (2-4)
Dupleac, Daniel Duzhy, Vyacheslav Dwyer, Lynn Dyrda, James), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1) ICONE26-81090 (2-4)
Dupleac, Daniel), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1) ICONE26-81090 (2-4) ICONE26-82631 (15-1)
Dupleac, Daniel Duzhy, Vyacheslav Dwyer, Lynn Dyrda, James), ICONE26-82507 (8-24) ICONE26-82241 (16-13) ICONE26-82377 (4-1) ICONE26-81090 (2-4) ICONE26-82631 (15-1) ICONE26-81090 (2-4),

Erkan, Nejdet	ICONE26-82019 (16-8)
Esmaili, Hossein	ICONE26-82415 (8-7)
Estevez-Albuja, Samanta	
Estre, Nicolas Ezure, Toshiki	
LZUIG, TOSTIINI	10011120-02000 (3-0)
F	
Fabre, Erik	ICONE26-82560 (1-2)
Faidy, ClaudeICONE26-81095	(7-2), ICONE26-81096 (7-3)
Fan, Jie	ICONE26-81945 (8-39)
Fan, LiICONE26-81397 (
Fan, Tianpeng	
Fan, Xing	\ ,
Fang, Chao	
Fang, Chao	ICONE26-82008 (2-12)
Fang, ShengICONE26-81094	(6-4), ICONE26-82448 (6-5),
F Vi 100NF00 01700	ICONE26-82581 (10-1)
Fang, XiangICONE26-81768 Fang, Zhu	
FangGang, Li	
Febriyanti, Nia	
Fei, Mo	
Feng, Bo	
Feng, Jingchao	ICONE26-81973 (8-23)
Feng, Jinyong Feng, Mao	ICONE26-82435 (9-7)
Feng, Tangtao	ICONE26-81630 (8-38)
	ICONE26-81738 (16-13)
Feng, YiICONE26-81584	(1-5), ICONE26-81829 (4-6),
Feng, Zhi-peng .ICONE26-81278 (3	
ICONE26-81509 Feng, Zhigang	
Feng, ZongyangICONE26-81885	(6-6) ICONE26-81960 (6-7)
Ferguson, John	
Fernández-Cosials, Kevin	ICONE26-81886 (8-11)
Ferraro, DiegoICONE26-82144	
Ferraro, Giovanni	ICONE26-81889 (5-6),
	ICUNEUR 00040 (10 0)
Ferri. Roberta	ICONE26-82343 (13-3)
Ferri, RobertaFerroukhi, Hakim	ICONE26-82379 (8-29) ICONE26-81743 (9-8),
Ferri, Roberta. Ferroukhi, Hakim	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9),
Ferri, Roberta Ferroukhi, Hakim	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav.	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2) 1-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15),
Ferri, Roberta. Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2) 1-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-82365 (16-2)
Ferri, Roberta. Ferroukhi, Hakim Festuccia, Alessio. Fialko, Nataliia Fichot, FlorianICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2) 1-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-81289 (16-15),
Ferri, Roberta. Ferroukhi, Hakim Festuccia, Alessio. Fialko, Nataliia Fichot, FlorianICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2) 1-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15),
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27), ICONE26-81663 (9-2) ICONE26-81045 (16-2) 1-1), ICONE26-82248 (11-1), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) 10), ICONE26-82507 (8-24)
Ferri, Roberta. Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) IO), ICONE26-82507 (8-24) ICONE26-82434 (15-5),
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-8163 (9-2) ICONE26-81663 (9-2) ICONE26-81645 (16-2) ICONE26-82365 (16-2) ICONE26-82503 (5-3), ICONE26-82503 (5-3),
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-81444 (15-5), ICONE26-82503 (5-3), ICONE26-82589 (8-20)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola	ICONE26-82379 (8-29)ICONE26-81743 (9-8),ICONE26-81749 (8-9),ICONE26-82546 (8-27)ICONE26-81663 (9-2)ICONE26-81045 (16-2)ICONE26-82248 (11-1)ICONE26-82365 (16-2)ICONE26-82365 (16-2)ICONE26-82365 (16-2)ICONE26-82507 (8-24)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2), ICONE26-82507 (8-24), ICONE26-82507 (8-24), ICONE26-82589 (8-20), ICONE26-82589 (8-20), ICONE26-82589 (8-20), ICONE26-81483 (16-16), ICONE26-8163 (16-16), ICONE26-81483
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-82509 (8-20) ICONE26-81434 (15-5), ICONE26-82589 (8-20) ICONE26-81483 (16-10) ICONE26-81483 (16-10) ICONE26-81483 (16-6) ICONE26-81483 (16-6) ICONE26-81483 (16-6)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81663 (9-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) IO, ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-82589 (8-20) ICONE26-8148 (16-16), ICONE26-8148 (16-16), ICONE26-8148 (16-16), ICONE26-8148 (16-16), ICONE26-8148 (16-2), ICONE26-8148 (16-2), ICONE26-8148 (16-2), ICONE26-81581 (8-28)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81649 (8-27) ICONE26-81663 (9-2) ICONE26-81645 (16-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-81484 (15-5), ICONE26-81486 (16-16) ICONE26-81496 (16-16) ICONE26-81496 (16-16) ICONE26-81496 (16-16) ICONE26-81496 (16-16) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio. Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-82546 (8-27) ICONE26-81663 (9-2) ICONE26-81045 (16-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-81444 (15-5), ICONE26-82503 (5-3), ICONE26-82589 (8-20) ICONE26-81484 (16-2) ICONE26-81484 (16-2) ICONE26-81484 (16-2) ICONE26-8148799 (16-1) ICONE26-81799 (16-1) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81262 (13-5)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo ICONE26-81574 (2 ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng Fu, Zh	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-97), ICONE26-81663 (9-2), ICONE26-81045 (16-2), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2), ICONE26-82507 (8-24), ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-81263 (16-16), ICONE26-814434 (15-5), ICONE26-81263 (16-16), ICONE26-81448 (16-2), ICONE26-8148 (16-2), ICONE26-8148 (16-2), ICONE26-81581 (8-28), ICONE26-82016 (1-1), ICONE26-82016 (1-1),
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) 10), ICONE26-82507 (8-24) ICONE26-81434 (15-5), ICONE26-82503 (5-3), ICONE26-8163 (16-16), ICONE26-8163 (16-16), ICONE26-81763 (16-16), ICONE26-81799 (16-1), ICONE26-81581 (8-28), ICONE26-81581 (8-28), ICONE26-8164 (15-1), ICONE26-82016 (1-1), ICONE26-82016 (1-1), ICONE26-82016 (1-1), ICONE26-81700 (16-14), ICONE26-81700 (16-14), ICONE26-81700 (16-14), ICONE26-82618 (6-10)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81264 (8-27), ICONE26-81264 (63-92) ICONE26-81045 (16-2) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-12), ICONE26-81289 (16-12), ICONE26-82365 (16-2) IO, ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-82503 (5-3), ICONE26-82589 (8-20), ICONE26-81484 (15-5), ICONE26-81484 (16-2), ICONE26-81484 (16-2), ICONE26-81763 (16-11), ICONE26-81799 (16-1), ICONE26-81799 (16-1), ICONE26-81222 (13-5), ICONE26-82016 (1-1), ICONE26-82016 (1-1), ICONE26-82016 (1-1), ICONE26-81700 (16-14), ICONE26-82618 (6-10), ICONE26-82618 (6-10), ICONE26-826618 (6-10), ICONE26-82662 (3-10)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81246 (8-27) ICONE26-81045 (16-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-82589 (8-20) ICONE26-81434 (15-5), ICONE26-81589 (8-20) ICONE26-81581 (8-10) ICONE26-81799 (16-1) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-81790 (16-14) ICONE26-81790 (16-14) ICONE26-81790 (16-14) ICONE26-818 (6-10) ICONE26-818 (6-10) ICONE26-82562 (3-10) ICONE26-82562 (3-10) ICONE26-82058 (16-18)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng ICONE26-82035 (8 Fujikami, Kenta Fujisaki, Tatsuya Fujishiro, Masaya Fujita, Shunya	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-8163 (9-2) ICONE26-81663 (9-2) ICONE26-81645 (16-2) ICONE26-82365 (16-2) ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-81434 (15-5), ICONE26-81436 (16-10) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-82041 (15-1)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng Fu, Zheng Fu, Zheng Fu, Zheng Fu, Zheng Fujikami, Kenta Fujisaki, Tatsuya Fujishiro, Masaya Fujitar, Shunya Fujiwara, Daisuke Fujiwara, Daisuke Fujiwara, Kota	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81434 (15-5), ICONE26-82503 (5-3), ICONE26-81434 (15-5), ICONE26-81434 (15-5), ICONE26-8163 (16-16) ICONE26-8163 (16-16) ICONE26-8163 (16-17) ICONE26-81799 (16-1) ICONE26-81799 (16-1) ICONE26-81790 (16-14) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82618 (6-10) ICONE26-82618 (6-10) ICONE26-82681 (8-10) ICONE26-81699 (8-6)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo ICONE26-81574 (2- ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng Fu, Zheng Fu, Zheng Fu, Zheng Fujikami, Kenta Fujioka, Rie Fujisaki, Tatsuya Fujitar, Shunya Fujiwara, Daisuke Fujiwara, Kota	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-81289 (8-20) ICONE26-81289 (8-20) ICONE26-81289 (8-20) ICONE26-81434 (15-5), ICONE26-81263 (16-16) ICONE26-81484 (16-2) ICONE26-81484 (16-2) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81799 (16-1) ICONE26-8101 (15-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82618 (6-10) ICONE26-82618 (6-10) ICONE26-81699 (8-6) ICONE26-81699 (8-6) ICONE26-81383 (8-13), ICONE26-81383 (8-13), ICONE26-81383 (8-13), ICONE26-81383 (8-13),
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-81434 (15-5), ICONE26-82589 (8-20) ICONE26-81434 (15-5), ICONE26-81434 (15-5), ICONE26-81463 (16-16), ICONE26-81799 (16-1) ICONE26-81581 (8-28) ICONE26-81799 (16-1) ICONE26-81790 (16-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82618 (6-10) ICONE26-8268 (3-10) ICONE26-81699 (8-6) ICONE26-81468 (2-8) ICONE26-81468 (2-8) ICONE26-81468 (2-8) ICONE26-81468 (2-8) ICONE26-81469 (8-13) ICONE26-81469 (8-13)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-82509 (8-20) ICONE26-81434 (15-5), ICONE26-82589 (8-20) ICONE26-81463 (16-16), ICONE26-81463 (16-16) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-81799 (16-14) ICONE26-81699 (8-6) ICONE26-81699 (8-6) ICONE26-81699 (8-6) ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81499 (16-16), ICONE26-81599 (8-13)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian . ICONE26-82243 (1 Filonov, Vladislav. Filonova, Yuliia Fiorina, Carlo . ICONE26-81574 (2-	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) ICONE26-81045 (16-2) I-1), ICONE26-82248 (11-1) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-82509 (8-20) ICONE26-81434 (15-5), ICONE26-81563 (16-16) ICONE26-81563 (16-16) ICONE26-81563 (16-16) ICONE26-81581 (8-28) ICONE26-81581 (8-28) ICONE26-81222 (13-5) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-82016 (1-1) ICONE26-81790 (16-14) ICONE26-81790 (16-14) ICONE26-81699 (8-6) ICONE26-81699 (8-6) ICONE26-81699 (8-6) ICONE26-81383 (8-13), ICONE26-81383 (8-13), ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81391 (16-14) ICONE26-81391 (16-14) ICONE26-81591 (8-13)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo ICONE26-81574 (2 ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng Fu, Zheng Fu, Zheng Fu, Zheng Fujiskari, Kenta Fujioka, Rie Fujisaki, Tatsuya Fujishiro, Masaya Fujishiro, Masaya Fujikama, Kota Fukuda, Katsuya Fujiwara, Daisuke Fujiwara, Kota Fukuda, Takanari Funatani, Shumpei Furuya, Masahiro	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81663 (9-2) ICONE26-81045 (16-2) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82503 (5-3), ICONE26-82503 (5-3), ICONE26-8259 (8-24) ICONE26-81289 (16-16) ICONE26-81434 (15-5), ICONE26-81263 (16-16) ICONE26-81463 (16-16) ICONE26-81463 (16-16) ICONE26-81463 (16-16) ICONE26-81463 (16-16) ICONE26-81799 (16-1) -15), ICONE26-82016 (1-1) -35), ICONE26-82016 (1-1) ICONE26-8109 (8-13) ICONE26-81690 (8-13) ICONE26-81699 (8-13) ICONE26-81499 (16-16), ICONE26-81497 (16-16), ICONE26-81499 (16-16), ICONE26-81501 (5-2) ICONE26-81501 (5-2)
Ferri, Roberta Ferroukhi, Hakim Festuccia, Alessio Fialko, Nataliia Fichot, Florian ICONE26-82243 (1 Filonov, Vladislav Filonova, Yuliia Fiorina, Carlo ICONE26-81574 (2 ICONE26-82381 (2 Forgione, Nicola Fortova, Anna Freiria Lopez, Maria Froio, Antonio Fry, Andy J Fu, Wen ICONE26-81292 (8 Fu, Yuan Fu, Zheng ICONE26-82035 (8 Fujikami, Kenta Fujioka, Rie Fujioka, Rie Fujioka, Rie Fujishiro, Masaya Fujita, Shunya Fujiwara, Daisuke Fujiwara, Kota Fukuda, Takanari Fukuda, Takanari Fukuda, Takanari Funatani, Shumpei	ICONE26-82379 (8-29) ICONE26-81743 (9-8), ICONE26-81749 (8-9), ICONE26-81749 (8-9), ICONE26-81246 (8-27), ICONE26-812663 (9-2) ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-81289 (16-15), ICONE26-82365 (16-2) ICONE26-82507 (8-24) ICONE26-82507 (8-24) ICONE26-82503 (5-3), ICONE26-82590 (8-20) ICONE26-81434 (15-5), ICONE26-81289 (16-10), ICONE26-81434 (15-5), ICONE26-81434 (15-5), ICONE26-81434 (15-5), ICONE26-81483 (16-16), ICONE26-81463 (16-16), ICONE26-81581 (8-28), ICONE26-81799 (16-1) -15), ICONE26-81581 (8-28), ICONE26-8109 (16-14), ICONE26-82016 (1-1) -35), ICONE26-82618 (6-10), ICONE26-81699 (8-6), ICONE26-81499 (8-6), ICONE26-81499 (8-6), ICONE26-81499 (16-14), ICONE26-81391 (16-14), ICONE26-81391 (16-14), ICONE26-81501 (5-2), ICONE26-81501 (5-2), ICONE26-81501 (5-27), ICONE26-81496 (8-27), ICONE26-82018 (8-3),

Eoh, Jaehyuk. Eom, Kyongbo. Erkan, Nejdet. Esmaili, Hossein Estevez-Albuja, Samanta Estre, Nicolas. Ezure, Toshiki.	ICONE26-81621 (2-1) ICONE26-82019 (16-8) ICONE26-82415 (8-7) ICONE26-81886 (8-11) ICONE26-82400 (16-22)
Fabre, Erik Faidy, Claude ICONE26-81095 (7 Fan, Jie Fan, Li ICONE26-81397 (11 Fan, Tianpeng Fan, Xing	7-2), ICONE26-81096 (7-3) ICONE26-81945 (8-39) -4), ICONE26-81408 (1-3) ICONE26-81575 (1-1) ICONE26-81075 (8-2)), ICONE26-82165 (16-10) ICONE26-824181 (5-5) ICONE26-82008 (2-12) -4), ICONE26-82448 (6-5),
Fang, Xiang ICONE26-81768 (5 Fang, Zhu FangGang, Li Febriyanti, Nia Fei, Mo Feng, Bo Feng, Jingchao Feng, Jinyong Feng, Mao	5-2), ICONE26-82223 (8-5) ICONE26-82043 (8-5) ICONE26-81374 (7-4) ICONE26-81054 (6-2) ICONE26-82559 (9-14) ICONE26-81647 (4-6) ICONE26-81973 (8-23) ICONE26-82435 (9-7) ICONE26-81702 (8-30)
Feng, YiICONE26-81584 (1	ICONE26-81738 (16-13)
Feng, Zhi-peng . ICONE26-81278 (3ICONE26-81509 (2	10), ICONE26-81342 (9-1),
Feng, Zhigang Feng, Zongyang ICONE26-81885 (6 Ferguson, John Fernández-Cosials, Kevin Ferraro, Diego ICONE26-82144 (2 Ferraro, Giovanni	ICONE26-81486 (4-2) -6), ICONE26-81960 (6-7) ICONE26-81317 (2-12) ICONE26-81886 (8-11) -3), ICONE26-82305 (2-3) ICONE26-81889 (5-6), ICONE26-82343 (13-3)
Ferri, Roberta. Ferroukhi, Hakim	ICONE26-81743 (9-8), ICONE26-81749 (8-9),
	ICONE26-82546 (8-27)
Festuccia, Alessio	
Fialko, Nataliia	ICONE26-81045 (16-2)
Fichot, Florian ICONE26-82243 (11-Filonov, Vladislav	ICONE26-81289 (16-15),
Filonova, Yuliia	ICONE26-81289 (16-15),
Fiorina, Carlo ICONE26-81574 (2-1	O), ICONE26-82260 (15-3),
Forgione, Nicola	ICONE26-81434 (15-5), ICONE26-82503 (5-3),
Fortova, Anna	
Freiria Lopez, Maria	
Froio, Antonio.	
Fry, Andy J	
Fu, Wen ICONE26-81292 (8-1	
Fu, Yuan	ICONE26-81222 (13-5)
Fu, Zheng	
Fu, Zheng ICONE26-82035 (8-3	
Fujikami, Kenta	
Fujioka, Rie	
Fujisaki, Tatsuya	
Fujishiro, Masaya.	
Fujita, Shunya	
Fujiwara, Daisuke	
Fujiwara, Kota	ICUNE26-81383 (8-13),
	ICUNE26-81497 (16-16),
Fukuda, Katsuya	ICONE26-81391 (16-14)
Fukuda, Takanari	ICONE26-81501 (5-2)
Funatani, Shumpei	ICONE26-81700 (16-14)
Furuya, Masahiro	
	ICONE26-82018 (8-3),

G	
Gad-Briggs, Arnold	ICONE26-81337 (5-7),
	ICONE26-81681 (5-3),
ICONE26-81686 (5-2)	, ICONE26-82373 (16-1)
Gagliardi, Filippo	
Galenne, Erwan Gandolfo, Giada	
Gandy, David	
Gao, Changyuan ICONE26-81540 (2-8	3). ICONE26-81541 (2-8)
Gao, Li	
Gao, Sheng	ICONE26-82613 (5-4)
Gao, Shuo	
Gao, Y.T ICONE26-82044 (3-11),	ICONE26-82065 (3-11),
Carolia Manual ICONEGO 00144/01	
Garcia, ManuelICONE26-82144 (2-3 Garciadiego Ortega, Eduardo	
Gautier, Bernard	ICONE26-81893 (7-1)
Gazetdinov, Azamat	ICONE26-81708 (1-3)
Ge, Kui	ICONE26-81400 (16-8)
Ge, Li	
Gei, Massimiliano	
Gelain, Thomas ICONE26-81531 (10-6	
Geng, XiaobingICONE26-81268 (6-4) Geng, Yinan	
Gerova, G.	
Ghadge, Dhanashree	
Giambartolomei, Guglielmo	
Giannetti, Fabio	ICONE26-81434 (15-5),
Other Flat	. ICONE26-82419 (8-23)
Gipon, Elodie	ICUNE26-82588 (9-2)
Giusti, Valerio	
do, doingwook	
Goel, Paridhi	
Goh, Yee Mey	
Gomes, Daniel de Souza	
Gonfiotti, Bruno	.ICONE26-81139 (15-3),
0	
Gong, Junjun Gong, Meijie	. ICONE26-81616 (10-6)
Gong, yaopeng.	
Gong, Zhaohu	ICONE26-81055 (2-4)
Gong, Zili	ICONE26-81191 (9-10)
Goñi, Zuriñe	. ICONE26-81886 (8-11)
Goodfellow, Martin J.	. ICONE26-81799 (16-1)
Goth, Nolan	ICONE26-81462 (8-6)
Goth, Nolan Goto, Masanori	ICONE26-81462 (8-6) .ICONE26-81417 (8-20),
Goth, Nolan Goto, Masanori	ICONE26-81462 (8-6) .ICONE26-81417 (8-20), .ICONE26-81477 (8-36)
Goth, Nolan Goto, Masanori Goto, Shoichi	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2) ICONE26-81083 (8-33) ICONE26-81597 (8-30),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-10	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2) ICONE26-81083 (8-33) ICONE26-81597 (8-30), ICONE26-81790 (9-1)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2) ICONE26-81083 (8-33) ICONE26-81597 (8-30), I), ICONE26-81790 (9-1) ICONE26-81942 (15-2),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-1) Gou, Junli ICONE26-81425 (16-11),	ICONE26-81462 (8-6) .ICONE26-81417 (8-20), .ICONE26-81477 (8-36) ICONE26-81208 (7-2) .ICONE26-81083 (8-33) .ICONE26-81597 (8-30), .D), ICONE26-81790 (9-1) .ICONE26-81942 (15-2), .ICONE26-81945 (8-39)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-10 Gou, Junli ICONE26-81425 (16-11), Grant, Jesse P.	ICONE26-81462 (8-6) .ICONE26-81417 (8-20), .ICONE26-81477 (8-36) ICONE26-81208 (7-2) .ICONE26-81083 (8-33), .ICONE26-81997 (8-30), .D), ICONE26-81790 (9-1) .ICONE26-81942 (15-2), .ICONE26-81945 (8-39) ICONE26-82475 (2-7)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2) ICONE26-81597 (8-30), 0), ICONE26-81597 (8-30), 0), ICONE26-81790 (9-1) ICONE26-81942 (15-2), ICONE26-81945 (8-39) ICONE26-82475 (2-7) ICONE26-81461 (16-12)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-10 Gou, Junli ICONE26-81425 (16-11), Grant, Jesse P.	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2) ICONE26-81083 (8-33), ICONE26-81597 (8-30), 0), ICONE26-81790 (9-1) ICONE26-81942 (15-2), ICONE26-81945 (8-39) ICONE26-82475 (2-7) ICONE26-81461 (16-12), ICONE26-81461 (16-12)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81083 (8-33), ICONE26-81597 (8-30), 0), ICONE26-81790 (9-1) ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-1(Gou, Junli ICONE26-81425 (16-11), Grant, Jesse P. Grant, Wade Grass, Claudia Gray, Kimberly Grazioso, Stanislao. Greifzu, Georg.	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36) ICONE26-81208 (7-2) ICONE26-81083 (8-33) ICONE26-81597 (8-30),)), ICONE26-81790 (9-1) ICONE26-81942 (15-2), ICONE26-81945 (8-39) ICONE26-82475 (2-7) ICONE26-81461 (16-12) ICONE26-81726 (8-13) ICONE26-81726 (8-13) ICONE26-82346 (1-2) ICONE26-82346 (1-2) ICONE26-82346 (1-2)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, JinlanICONE26-81573 (9-3), ICONE26-81741 (3-10 Gou, JunliICONE26-81425 (16-11), Grant, Jesse P. Grant, Wade Grass, Claudia Gray, Kimberly. Grazioso, Stanislao. Greifzu, Georg Gren, Milan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81208 (7-2), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81427 (5-3)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36),ICONE26-81083 (8-33) ICONE26-81597 (8-30),), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-811726 (8-13), ICONE26-811726 (8-13), ICONE26-811726 (8-13), ICONE26-811726 (8-13), ICONE26-811726 (10-2), ICONE26-811726 (10-2), ICONE26-81578 (16-10), ICONE26-81427 (5-3), ICONE26-81427 (5-3), ICONE26-81427 (5-3), ICONE26-81311 (13-1)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81083 (8-33), ICONE26-81597 (8-30), I), ICONE26-81945 (15-2), ICONE26-81945 (15-2), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-8178 (16-10), ICONE26-8178 (16-11), ICONE26-81311 (13-11), ICONE26-81398 (5-4)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81208 (7-2) ICONE26-81083 (8-33), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81311 (13-11), ICONE26-81316 (3-39)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-811208 (7-2) ICONE26-81038 (8-33), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-814141 (16-12), ICONE26-8161 (16-12), ICONE26-81726 (8-13), ICONE26-81475 (16-10), ICONE26-81578 (16-10), ICONE26-81417 (10-2), ICONE26-81417 (10-2), ICONE26-81417 (13-1), ICONE26-81598 (5-4), ICONE26-81598 (5-4), ICONE26-81598 (5-4), ICONE26-81598 (5-4), ICONE26-81598 (8-39), ICONE26-81298 (2-10)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81083 (8-33) ICONE26-81597 (8-30), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-811726 (8-13), ICONE26-811726 (8-13), ICONE26-811726 (8-13), ICONE26-811726 (8-13), ICONE26-811726 (16-12), ICONE26-81117 (10-2), ICONE26-81117 (10-2), ICONE26-81117 (11-31), ICONE26-81427 (5-3), ICONE26-81427 (6-3), ICONE26-81469 (8-39), ICONE26-8298 (5-4), ICONE26-8298 (2-10), ICONE26-81329 (5-1), ICONE
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36),ICONE26-81408 (8-33), ICONE26-81597 (8-30),), ICONE26-81597 (8-30),), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39),ICONE26-82475 (2-7) ICONE26-81461 (16-12), ICONE26-811017 (10-2),ICONE26-811017 (10-2),ICONE26-81111 (10-2),ICONE26-81311 (13-1),ICONE26-81469 (8-39), ICONE26-81469 (8-39), ICONE26-8298 (2-10), ICONE26-82047 (16-18),ICONE26-8298 (2-10), ICONE26-82047 (16-18),ICONE26-81329 (6-18),ICONE26-81329 (6-18),ICONE26-81329 (6-18),ICONE26-81339 (6-39), ICONE26-81339 (6-39), ICONE26-81311 (13-11), ICONE26-81339 (6-39), ICONE26-81339 (6-39), ICONE26-81311 (13-11), ICONE26-81339 (6-39), ICONE26-81339 (6-39), ICONE26-81339 (6-39), ICONE26-81311 (13-11), ICONE26-81339 (6-39), ICONE26-81311 (13-11), ICONE26-81339 (6-39), ICONE26-81311 (13-11)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81038 (8-33), ICONE26-81597 (8-30), I), ICONE26-81945 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81317 (10-2), ICONE26-81317 (13-1), ICONE26-81311 (13-1), ICONE26-81311 (13-1), ICONE26-81469 (8-39), ICONE26-82398 (5-4), ICONE26-82398 (5-4), ICONE26-82398 (3-9), ICONE26-813660 (3-4),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36)ICONE26-81208 (7-2) ICONE26-81083 (8-33), ICONE26-81597 (8-30), I), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81317 (10-2), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81311 (13-11), ICONE26-81578 (16-18), ICONE26-81578 (16-18), ICONE26-81578 (16-18), ICONE26-81578 (16-18), ICONE26-81578 (16-18), ICONE26-81329 (5-14), ICONE26-82398 (2-14), ICONE26-82393 (8-39), ICONE26-82393 (8-39), ICONE26-82393 (8-39), ICONE26-813660 (3-49), ICONE26-81569 (9-11)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81208 (7-2), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-81107 (10-2), ICONE26-8111 (13-1), ICONE26-81311 (13-1), ICONE26-81311 (13-1), ICONE26-81469 (8-39), ICONE26-81469 (8-39), ICONE26-81398 (5-4), ICONE26-81398 (5-4), ICONE26-81399 (5-1), ICONE26-81399 (5-1), ICONE26-81399 (5-1), ICONE26-81399 (3-9), ICONE26-81569 (9-11), ICONE26-81569 (9-11), ICONE26-81569 (9-11), ICONE26-81570 (4-1),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81208 (7-2), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-811017 (10-2), ICONE26-81117 (10-2), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81469 (8-39), ICONE26-81469 (8-39), ICONE26-81298 (2-10), ICONE26-81399 (5-11), ICONE26-81399 (5-11), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (6-91), ICONE26-81569 (9-911), ICONE26-81569 (6-91), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81569 (9-911), ICONE26-81561 (4-4),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36),ICONE26-81208 (7-2) ICONE26-81083 (8-33), ICONE26-81597 (8-30), I), ICONE26-81942 (15-2), ICONE26-81945 (6-39), ICONE26-81945 (6-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-81726 (8-13), ICONE26-8178 (16-10), ICONE26-8178 (16-10), ICONE26-8158 (1-2), ICONE26-8159 (8-39), ICONE26-81660 (3-4), ICONE26-81569 (9-11), ICONE26-82561 (4-4), ICONE26-82575 (6-2), ICONE26-82575 (6-2), ICONE26-82575 (6-2), ICONE26-82575 (6-2)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-10) Gou, Junli ICONE26-81425 (16-11), Grant, Jesse P. Grant, Wade Grass, Claudia Gray, Kimberly Grazioso, Stanislao Greifzu, Georg Gren, Milan Grief, Andrew Grima, Claudio Grindon, Liz Gu, Chenglong Gu, Haifeng ICONE26-81160 (10-7), Gu, Long Guadagni, Ettore. Guangfei, Wang Gui, O Guo, Chao ICONE26-81356 (2-4)	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-36)ICONE26-81477 (8-36)ICONE26-81208 (7-2), ICONE26-81597 (8-30), J), ICONE26-81597 (8-30), J), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39)ICONE26-81461 (16-12) ICONE26-81726 (8-13) ICONE26-81726 (8-13) ICONE26-81726 (8-13) ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81321 (13-1)ICONE26-81321 (13-1)ICONE26-81321 (13-1)ICONE26-81329 (2-10) ICONE26-8298 (2-10) ICONE26-8298 (2-10) ICONE26-8298 (2-10) ICONE26-81329 (5-1) ICONE26-81660 (3-4) ICONE26-81660 (3-4) ICONE26-81570 (4-1), J), ICONE26-82561 (4-4),ICONE26-82561 (4-4), ICONE26-81476 (8-1) ICONE26-81476 (8-1)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3), ICONE26-81741 (3-10) Gou, Junli ICONE26-81425 (16-11), Grant, Jesse P. Grant, Wade Grass, Claudia Gray, Kimberly Grazioso, Stanislao Greifzu, Georg Gren, Milan Grief, Andrew Grima, Claudio Grindon, Liz Gu, Chenglong Gu, Haifeng ICONE26-81160 (10-7), Gu, Long Guadagni, Ettore. Guangfei, Wang Gui, O Guo, Chao ICONE26-81356 (2-4 Guo, Chao ICONE26-81356 (2-4 Guo, Chao ICONE26-81375 (5-4 Guo, Jiong ICONE26-81975 (5-4	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-36)ICONE26-81477 (8-36)ICONE26-81208 (7-2), ICONE26-81597 (8-30), J), ICONE26-81597 (8-30), J), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39)ICONE26-81461 (16-12) ICONE26-81726 (8-13) ICONE26-81726 (8-13) ICONE26-81726 (8-13) ICONE26-81726 (8-13) ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81321 (13-1)ICONE26-81321 (13-1)ICONE26-81329 (2-10) ICONE26-8298 (2-10) ICONE26-8298 (2-10) ICONE26-8298 (2-10) ICONE26-81329 (5-1) ICONE26-81329 (5-1) ICONE26-81660 (3-4) ICONE26-81660 (3-4) ICONE26-81570 (4-1), J), ICONE26-82561 (4-4), J, ICONE26-81476 (8-1)ICONE26-81709 (2-4) J, ICONE26-81709 (2-4)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81208 (7-2) ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81597 (8-39), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81107 (10-2), ICONE26-8111 (13-1), ICONE26-81578 (16-10), ICONE26-81469 (8-39), ICONE26-81469 (8-39), ICONE26-81469 (8-39), ICONE26-81598 (5-4), ICONE26-81598 (5-4), ICONE26-81660 (3-4), ICONE26-81660 (3-4), ICONE26-81570 (4-1), ICONE26-82595 (6-2), ICONE26-81576 (6-2), ICONE26-81576 (6-2), ICONE26-81576 (6-2), ICONE26-81709 (2-4), ICONE26-82597 (2-3), ICONE26-82597 (2-3), ICONE26-82597 (2-3), ICONE26-82597 (2-3), ICONE26-82597 (2-3), ICONE26-82597 (2-3), ICONE26-82597 (2-3)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81477 (8-36), ICONE26-81208 (7-2), ICONE26-81597 (8-30), ICONE26-81597 (8-30), ICONE26-81942 (15-2), ICONE26-81945 (8-39), ICONE26-81945 (8-39), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81176 (8-13), ICONE26-81117 (10-2), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81469 (8-39), ICONE26-81469 (8-39), ICONE26-81298 (2-10), ICONE26-81398 (3-4), ICONE26-81569 (9-11), ICONE26-81570 (4-1), ICONE26-81080 (4-1), ICONE26-81080 (4-1), ICONE26-81080 (4-1), IC
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36)ICONE26-81407 (8-36)ICONE26-81038 (8-33) ICONE26-81597 (8-30),), ICONE26-81942 (15-2), ICONE26-81942 (15-2), ICONE26-81945 (8-39)ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81117 (10-2)ICONE26-81117 (10-2)ICONE26-81117 (10-2)ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81570 (16-18)ICONE26-81569 (9-11)ICONE26-81569 (9-11)ICONE26-81570 (4-1),ICONE26-81570 (4-1),ICONE26-81709 (2-4)ICONE26-81709 (2-4)ICONE26-81794 (9-2)ICONE26-81948 (9-2)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81477 (8-36)ICONE26-81477 (8-36)ICONE26-81038 (8-33) ICONE26-81597 (8-30), D), ICONE26-81790 (9-1) ICONE26-81945 (15-2), ICONE26-81945 (6-39)ICONE26-81461 (16-12), ICONE26-81461 (16-12), ICONE26-81726 (8-13), ICONE26-811461 (16-12), ICONE26-81578 (16-10), ICONE26-81578 (16-10), ICONE26-81578 (16-11), ICONE26-8158 (1-2), ICONE26-8158 (1-2), ICONE26-81598 (5-4), ICONE26-81598 (5-4), ICONE26-81599 (5-4), ICONE26-81599 (9-11), ICONE26-81569 (9-11), ICONE26-81569 (9-11), ICONE26-82575 (6-2), ICONE26-82170 (4-1), ICONE26-82170 (4-1), ICONE26-81709 (2-4), ICONE26-81709 (2-4), ICONE26-81709 (2-4), ICONE26-81948 (9-2), ICONE26-81948 (9-2), ICONE26-81948 (9-2), ICONE26-81948 (9-2), ICONE26-81948 (9-2), ICONE26-81948 (9-2), ICONE26-81303 (8-12),
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81477 (8-36)ICONE26-81208 (7-2) ICONE26-81597 (8-30),), ICONE26-81597 (8-30),), ICONE26-81597 (8-30),), ICONE26-81942 (15-2), ICONE26-81945 (8-39)ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81107 (10-2) ICONE26-81107 (10-2) ICONE26-8111 (13-1)ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81660 (3-4) ICONE26-81660 (3-4) ICONE26-81569 (9-11)), ICONE26-81569 (9-11)), ICONE26-81576 (6-2) 4), ICONE26-81576 (6-2) 4), ICONE26-81576 (6-2) 4), ICONE26-81790 (2-4) 7, ICONE26-81790 (2-4) 7, ICONE26-81841 (15-5) ICONE26-81841 (15-5) ICONE26-81841 (15-5) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81841 (15-5) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81841 (15-5) ICONE26-81834 (8-36) ICONE26-81837 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81837 (8-36) ICONE26-81837 (8-36) ICONE26-81837 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81847 (8-7)
Goth, Nolan Goto, Masanori Goto, Shoichi Gotovsky, Mikhail Gou, Jinlan ICONE26-81573 (9-3),	ICONE26-81462 (8-6) ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81477 (8-36)ICONE26-81208 (7-2) ICONE26-81597 (8-30),), ICONE26-81597 (8-30),), ICONE26-81597 (8-30),), ICONE26-81942 (15-2), ICONE26-81945 (8-39)ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81461 (16-12) ICONE26-81107 (10-2) ICONE26-81107 (10-2) ICONE26-8111 (13-1)ICONE26-81578 (16-10)ICONE26-81578 (16-10)ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81469 (8-39) ICONE26-81660 (3-4) ICONE26-81660 (3-4) ICONE26-81569 (9-11)), ICONE26-81569 (9-11)), ICONE26-81576 (6-2) 4), ICONE26-81576 (6-2) 4), ICONE26-81576 (6-2) 4), ICONE26-81790 (2-4) 7, ICONE26-81790 (2-4) 7, ICONE26-81841 (15-5) ICONE26-81841 (15-5) ICONE26-81841 (15-5) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81841 (15-5) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81841 (15-5) ICONE26-81834 (8-36) ICONE26-81837 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81837 (8-36) ICONE26-81837 (8-36) ICONE26-81837 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81834 (8-36) ICONE26-81847 (8-7)

Guo, Yan	ICONF26-82298 (2-10)
Guo, Yu-chuan ICONE26-81313 (8	3-14), ICONE26-81755 (14-3)
Guo, YunICONE26-81176 (
ICONE26-81415	,,
Guo, Zehua ICONE26-81343 (9-	
Gupta, Deeksha	, ,
Н	
Haas, Derek	ICONE26-81593 (16-4)
Haider, Amir ICONE26-81863 (1	
Hall, Richard	
Hamdani, Ari	
Han, Chi Young	
Han, Hwa Jeong	ICONE26-81754 (10-1),
Han, Yidan	
Han, Yuxiang	
Hanifah, Zahra	ICONE26-82450 (16-5)
Hao, Chengming	
Hao, Lu-luICONE26-81547	(9-4), ICONE26-82454 (9-11)
Hao, Rui	
Hao, Zhaojun	
Harada, Hideo	
Harman, Neil	
Haruguchi, Yoshiko	ICONE26-81386 (6-4),
Hashimoto, Tomoharu	
Hassan, Yassin ICONE26-81462 (
ICONE26-82366	
ICONE26-82425 (8	,,
Hata, Koichi	
Hattar, Khalid	
Hawari, Ayman I	ICONE26-81887 (16-16)
Hawila, Mohammad A.	
Hazuku, Tatsuya	
He, Dan	
He, Hangxing	
He, J.T	
He, Jiaqing	ICUNE26-82697 (10-9)
He, Jingtao	
He, Longkun ICONE26-82204 (8	
He, Mingtao	
He, Qingming	ICONE26-82196 (2-5)
He, QingmingICONE26-81250	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6)
He, Qingming He, ShuijunICONE26-81250 He, TaoICONE26-82600	ICONE26-82196 (2-5) 0 (4-5), ICONE26-81691 (6-6) 0 (6-7), ICONE26-82624 (7-5)
He, Qingming. He, ShuijunICONE26-81250 He, TaoICONE26-82606 He, Xuedong	ICONE26-82196 (2-5) 0 (4-5), ICONE26-81691 (6-6) 6 (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9)
He, Qingming	ICONE26-82196 (2-5) 0 (4-5), ICONE26-81691 (6-6) 6 (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-82076 (16-7)
He, Qingming. He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) 6 (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-82076 (16-7) ICONE26-81226 (16-1)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3	CONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) CONE26-81412 (3-9) ICONE26-81276 (16-7) ICONE26-81226 (16-1) CONE26-82065 (3-11), ICONE26-82065 (3-11)
He, Qingming He, Shuijun ICONE26-81250 He, Tao ICONE26-82600 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3	
He, Qingming	ICONE26-82196 (2-5) 0 (4-5), ICONE26-81691 (6-6) 0 (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-82076 (16-7) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4)
He, Qingming He, Shuijun ICONE26-81250 He, Tao ICONE26-82600 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3	ICONE26-82196 (2-5) 0 (4-5), ICONE26-81691 (6-6) 0 (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-82076 (16-7) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Yaudong He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-82634 (3-11)
He, Qingming	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (7-5) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-82094 (3-11), ICONE26-82634 (3-11)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) ICONE26-81228 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-821833 (1-4) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81123 (15-1) ICONE26-81123 (15-1) ICONE26-81589 (8-32)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-821412 (3-9) ICONE26-82076 (16-1) ICONE26-81226 (16-1) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81123 (15-1) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81578 (16-10)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion	ICONE26-82196 (2-5) 0 (4-5), ICONE26-81691 (6-6) 0 (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-8276 (16-7) ICONE26-81276 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-81634 (3-11) ICONE26-81589 (8-32) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81690 (8-4)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Yanan He, Yuhao He, Zhoutong Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82634 (3-11) ICONE26-82634 (3-11) ICONE26-81589 (8-32) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81699 (14-4)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) ICONE26-81228 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-8123 (15-1) ICONE26-81538 (8-32) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81959 (14-4) ICONE26-81297 (16-18) ICONE26-81777 (16-18) ICONE26-81777 (16-18)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Yanan He, Yuhao He, Zhoutong Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) ICONE26-81228 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-8123 (15-1) ICONE26-81538 (8-32) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81959 (14-4) ICONE26-81297 (16-18) ICONE26-81777 (16-18) ICONE26-81777 (16-18)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-82627 (16-7) ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81383 (1-4) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82477 (16-10) ICONE26-82477 (16-12) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Wasayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-82627 (16-7) ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81383 (1-4) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82477 (16-10) ICONE26-82477 (16-12) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-82076 (16-7) ICONE26-82076 (16-7) ICONE26-82085 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82094 (12-1) ICONE26-81533 (1-4) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82477 (16-18) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82403 (3-13), ICONE26-82457 (16-10)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-81283 (1-4) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-81639 (8-32) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81704 (16-12) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82403 (3-13), ICONE26-82497 (16-10) ICONE26-82497 (16-10) ICONE26-82653 (14-5) ICONE26-82497 (16-10) ICONE26-82493 (3-13),
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-821412 (3-9) ICONE26-81226 (16-1) ICONE26-81226 (16-1) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-821833 (1-4) ICONE26-81833 (1-4) ICONE26-8123 (15-1) ICONE26-81539 (8-32) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81799 (14-4) ICONE26-82616 (6-4) ICONE26-82477 (16-12) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-82533 (14-5) ICONE26-81912 (15-5), ICONE26-81991 (15-5),
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Yuhao He, Zhoutong Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Woshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) ICONE26-81226 (16-1) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-1) ICONE26-81833 (1-4) ICONE26-8123 (15-1) ICONE26-8123 (15-1) ICONE26-81589 (8-32) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81799 (14-4) ICONE26-82477 (16-18) ICONE26-82477 (16-12) ICONE26-82457 (16-10) ICONE26-82457 (16-10) ICONE26-82533 (14-5) ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-82941 (15-1),
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles ICONE26-82035 (8	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-82076 (16-7) ICONE26-81226 (16-1) ICONE26-81228 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-82634 (3-11) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81589 (16-10) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82477 (16-18) ICONE26-82477 (16-18) ICONE26-82403 (3-13), ICONE26-82403 (3-13), ICONE26-82553 (14-5) ICONE26-81912 (15-5), ICONE26-81991 (15-5), ICONE26-82041 (15-11), ICONE26-82041 (15-13)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-81634 (3-11) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81599 (14-4) ICONE26-81999 (14-4) ICONE26-81704 (16-12) ICONE26-82403 (3-13), ICONE26-82403 (3-13), ICONE26-82493 (3-14-5) ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-82041 (15-1), ICONE26-82041 (15-1), ICONE26-82041 (15-1), ICONE26-82041 (16-13) ICONE26-82041 (16-13)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-11) ICONE26-82634 (3-11) ICONE26-81634 (3-11) ICONE26-81589 (8-32) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81599 (14-4) ICONE26-81959 (14-4) ICONE26-81959 (14-4) ICONE26-81959 (14-4) ICONE26-81959 (14-5) ICONE26-82497 (16-10) ICONE26-82493 (3-13), ICONE26-82493 (3-13), ICONE26-81912 (15-5), ICONE26-81991 (15-5), ICONE26-829241 (16-13) ICONE26-8241 (16-13) ICONE26-82421 (16-13) ICONE26-82421 (16-13) ICONE26-82434 (15-5), ICONE26-81067 (6-8),
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-81283 (1-4) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81639 (8-32) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81599 (14-4) ICONE26-81690 (8-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82635 (14-5) ICONE26-82941 (16-12) ICONE26-829403 (3-13), ICONE26-81991 (15-5), ICONE26-82941 (16-1), ICONE26-82041 (15-1), ICONE26-82041 (15-5), ICONE26-82041 (15-5), ICONE26-82041 (15-5), ICONE26-81934 (15-5) ICONE26-81067 (6-8), ICONE26-81066 (6-8)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong Hechanova, Anthony Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Junying	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82024 (7-5) ICONE26-82026 (16-7) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-8128 (3-9) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81959 (14-4) ICONE26-81959 (14-4) ICONE26-82616 (6-4) ICONE26-82477 (16-18) ICONE26-82477 (16-10) ICONE26-82493 (3-13), ICONE26-82497 (16-10) ICONE26-82497 (16-10) ICONE26-81912 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-1), ICONE26-82411 (16-13) ICONE26-82411 (16-13) ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Wasayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Junying Hong, Seong Wan	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82624 (7-5) ICONE26-82076 (16-7) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82634 (3-11) ICONE26-8123 (15-1) ICONE26-81538 (3-32) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81747 (16-13) ICONE26-82477 (16-14) ICONE26-82616 (6-4) ICONE26-82497 (16-10) ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-82941 (16-13) ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81108 (8-33) ICONE26-82029 (11-3)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Junying Hong, Seong Wan Hong, Soon-Joon	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-82076 (16-7) ICONE26-82076 (16-1) ICONE26-81226 (16-1) ICONE26-81228 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81333 (1-4) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81589 (16-10) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82477 (16-18) ICONE26-82403 (3-13), ICONE26-82403 (3-13), ICONE26-82407 (16-10) ICONE26-82497 (16-10) ICONE26-82497 (16-10) ICONE26-81910 (15-5), ICONE26-81091 (15-5), ICONE26-8241 (15-1), ICONE26-8241 (16-13) ICONE26-8241 (16-13) ICONE26-81067 (6-8) ICONE26-81068 (6-8) ICONE26-8209 (11-3) ICONE26-82091 (15-6)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Seong Wan Hong, Seong Wan Hong, Seong Joon Hong, Taehyub ICONE26-81622 (8	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-81634 (3-11) ICONE26-81589 (8-32) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81599 (14-4) ICONE26-81599 (14-4) ICONE26-81599 (14-4) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81704 (16-12) ICONE26-82616 (6-4) ICONE26-82403 (3-13), ICONE26-82491 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-8241 (16-13) ICONE26-81067 (6-8), ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-82099 (11-3) ICONE26-82091 (11-3) ICONE26-82099 (11-3) ICONE26-82671 (5-6) ICONE26-82671 (5-6)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8) Hollands, Thorsten Hong, Changshou Hong, Seong Wan Hong, Seong Wan Hong, Seon-Joon Hong, Taehyub ICONE26-81622 (6) Hong, Zhenying	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-81634 (3-11) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81599 (8-4) ICONE26-81599 (14-4) ICONE26-81599 (14-4) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-81991 (16-12) ICONE26-82616 (6-4) ICONE26-82403 (3-13), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81067 (6-8), ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (1-3) ICONE26-81068 (1-3) ICONE26-82671 (5-6) ICONE26-81519 (2-5)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Seong Wan Hong, Soon-Joon Hong, Taehyub ICONE26-81622 (S Hong, Zhenying Hongseok, Cho	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82024 (7-5) ICONE26-82076 (16-7) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-81294 (16-10) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81959 (14-4) ICONE26-81959 (14-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82631 (3-13), ICONE26-82631 (16-13) ICONE26-82947 (16-13) ICONE26-82953 (14-5) ICONE26-82941 (15-5), ICONE26-82941 (16-13) ICONE26-82941 (16-13) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-8107 (5-6) ICONE26-81788 (11-2) ICONE26-81781 (12-5) ICONE26-81781 (15-5) ICONE26-81781 (15-5) ICONE26-81068 (6-8) ICONE26-81078 (6-8) ICONE26-81078 (6-8) ICONE26-81078 (11-2) ICONE26-81788 (11-2) ICONE26-81788 (11-2) ICONE26-81781 (12-5) ICONE26-81600 (7-2)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong Hechanova, Anthony Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Soon-Joon Hong, Soon-Joon Hong, Seong Wan Hong, Shenign Hongsek, Cho Hori, Keiichi ICONE26-81143 (8 Hollands, Therese	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) ICONE26-81226 (16-1) ICONE26-82065 (3-11), ICONE26-82128 (3-9) ICONE26-82128 (3-9) ICONE26-82094 (12-1) ICONE26-82634 (3-11) ICONE26-8123 (15-1) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81690 (8-4) ICONE26-81959 (14-4) ICONE26-81959 (14-4) ICONE26-82616 (6-4) ICONE26-82477 (16-18) ICONE26-82473 (16-10) ICONE26-82493 (3-13), ICONE26-82491 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81067 (6-8), ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81078 (8-33) ICONE26-81788 (11-2) ICONE26-82603 (7-2) ICONE26-81519 (2-5) ICONE26-81514 (8-31)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yuhao He, Yuhao He, Zhoutong Hechanova, Anthony Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hirakia, Wasayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Junying Hong, Seong Wan Hong, Soon-Joon Hong, Thenying Hongseok, Cho Hori, Keiichi ICONE26-81143 (8 Horie, Hideki	ICONE26-82196 (2-5)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3) Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8) Hollands, Thorsten Hong, Changshou Hong, Seong Wan Hong, Seong Wan Hong, Seong Wan Hong, Seong Wan Hong, Taehyub ICONE26-81622 (S Hong, Zhenying Hongseok, Cho Hori, Kelichi ICONE26-81143 (E Horie, Hideki Horiuchi, Tatsumi	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) (6-7), ICONE26-82624 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82128 (3-9) ICONE26-81833 (1-4) ICONE26-82634 (3-11) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81589 (8-32) ICONE26-81599 (14-4) ICONE26-81690 (8-4) ICONE26-81995 (14-4) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82403 (3-13), ICONE26-82403 (3-13), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-81064 (6-8) ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81128 (8-33) ICONE26-8107 (6-8), ICONE26-81068 (6-8) ICONE26-81128 (8-33) ICONE26-82603 (7-2) ICONE26-81144 (8-31) ICONE26-81144 (8-31) ICONE26-81144 (8-31) ICONE26-81120 (7-2) ICONE26-81120 (7-2)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Junying Hong, Seong Wan Hong, Soon-Joon Hong, Taehyub ICONE26-81622 (6 Hong, Zhenying Hongseok, Cho Hori, Keiichi ICONE26-81143 (8 Horiuchi, Tatsumi Hosomi, Kenji	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-81412 (3-9) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82065 (3-11), ICONE26-81283 (1-4) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-81639 (3-21) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81599 (8-4) ICONE26-81599 (14-4) ICONE26-81599 (14-4) ICONE26-81595 (14-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-8253 (14-5) ICONE26-82491 (15-5), ICONE26-81991 (15-5), ICONE26-81991 (15-5), ICONE26-82041 (16-13) ICONE26-82041 (16-13) ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81128 (8-33) ICONE26-81067 (6-8), ICONE26-81068 (6-8) ICONE26-81068 (6-8) ICONE26-81128 (8-33) ICONE26-81128 (8-33) ICONE26-81128 (8-33) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81932 (2-5) ICONE26-81932 (3-6) ICONE26-81932 (3-6) ICONE26-81932 (3-6) ICONE26-81923 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2) ICONE26-81248 (13-4)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hisamochi, Kohei Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Junying Hong, Seong Wan Hong, Soon-Joon Hong, Taehyub ICONE26-81622 (9 Hong, Zhenying Hongseok, Cho Hori, Keiichi ICONE26-81143 (8 Horiuchi, Tatsumi Hosomi, Kenji Hou, Jilai	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82024 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82026 (3-11), ICONE26-81238 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-82094 (12-1) ICONE26-81538 (3-11) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81599 (8-4) ICONE26-81599 (14-4) ICONE26-81599 (14-4) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82403 (3-13), ICONE26-82457 (16-10) ICONE26-8253 (14-5) ICONE26-829241 (16-1), ICONE26-81991 (15-5), ICONE26-81080 (6-8) ICONE26-81128 (8-33) ICONE26-81128 (8-33) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81932 (7-2) ICONE26-81923 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2)
He, Qingming He, Shuijun ICONE26-81256 He, Tao ICONE26-82606 He, Xuedong He, Yanan He, Yuhao He, Zhoutong ICONE26-82044 (3 Heath, Bradley Hechanova, Anthony Heinzel, Annette Herb, Joachim Herer, Christopher Herrmann, Marion Hihara, Yutaro Hiraide, Masayuki Hirakawa, Moe Hiraki, Yoshihisa Hirosaka, Kazuma Hirst, Charles Hohorst, Judith ICONE26-82035 (8 Hollands, Thorsten Hong, Changshou Hong, Junying Hong, Seong Wan Hong, Soon-Joon Hong, Taehyub ICONE26-81622 (6 Hong, Zhenying Hongseok, Cho Hori, Keiichi ICONE26-81143 (8 Horiuchi, Tatsumi Hosomi, Kenji	ICONE26-82196 (2-5) (4-5), ICONE26-81691 (6-6) (6-7), ICONE26-81691 (6-6) ICONE26-82024 (7-5) ICONE26-81412 (3-9) ICONE26-81226 (16-1) -11), ICONE26-82026 (3-11), ICONE26-81238 (3-9) ICONE26-81833 (1-4) ICONE26-82094 (12-1) ICONE26-82094 (12-1) ICONE26-81538 (3-11) ICONE26-81578 (16-10) ICONE26-81578 (16-10) ICONE26-81599 (8-4) ICONE26-81599 (14-4) ICONE26-81599 (14-4) ICONE26-81690 (8-4) ICONE26-81690 (8-4) ICONE26-82616 (6-4) ICONE26-82616 (6-4) ICONE26-82403 (3-13), ICONE26-82457 (16-10) ICONE26-8253 (14-5) ICONE26-829241 (16-1), ICONE26-81991 (15-5), ICONE26-81080 (6-8) ICONE26-81128 (8-33) ICONE26-81128 (8-33) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81932 (7-2) ICONE26-81923 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2) ICONE26-81208 (7-2)

Hou, SuxiaICONE26-81929 (3-4 Hou, Yandong	ICONE26-82327 (6-
Hou, Yandong Howard, Joe Howlett, Carolyn M Hu, BoICONE26-81313 (8-14	IUUNE20-82327 (b-
Howard, Joe Howlett, Carolyn M	
Howlett, Carolyn M	
Hu, BoICONE26-81313 (8-14)	ICONE26-82228 (13-
Hu, BoICONE26-81313 (8-14)	ICONF26-82696 (8-
) ICONE26-81755 /1/-
Hu, Chen ICONE26-81159 (13-4)	, ICONE26-81191 (9-10
ICONE26-82219 (6-5), ICONE26-82239 (13-
Hu, Guang	ICONE26-81362 (3-
Lu Lucci	ICONESE 01300 /10
Hu, Huasi	
Hu, Jifeng	ICONE26-82352 (2-
Hu, Liang	
Hu, Liqin	
Hu, Peizheng	ICONE26-81231 (8-1
Hu, PoICONE26-81729 (11-2)), ICONE26-82478 (8-2
Hu, Suqing	ICONE26-81787 (0-
II. Waster ICONFOC 01FFO (0.00	
Hu, Wenjun ICONE26-81559 (8-23)	
Hu, Xiao	ICONE26-81271 (13-
Hu, Xu	ICONE26-81794 (8-3
II. V	IOONEOC OOOC /O
Hu, Yaoyu	ICUNE26-82296 (3-
Hu, Yuying	ICONE26-81441 (15-
Hu, Zongwen	ICONE26-81408 (1-
III., Zongwon	1001120 01400 (1
Huan, Huang	ICUNE26-82230 (4-
Huang, Dongli	ICONE26-82385 (2-
Huang, Heng	ICUNE38-81384 (3
Luona lun	ICONEGO 01045 (C.
Huang, Jun	IUUINEZO-81945 (8-3
Huang, Lei	ICONE26-81547 (9-
Huang, Liming.	
Huang, Pei-Hsun	
Huang, Qian ICONE26-81278 (3-10)	
ICONE26-81342 (9-1	 ICONE26-81509 (2-1)
,	
Huang, Qunying	
Huang, Shanfang	ICONE26-81042 (12-
	ICONE26-82494 (16-
Lluona Chuliona	ICONEGO 01000 (0.0
Huang, Shuliang	IUUNE20-0 1933 (0-3
Huang, SiyangICONE26-81544 (8-	1), ICONE26-81849 (7-
Huang, Wei	ICONF26-82293 (8-2
Huang, Weijun	
Huang, Xiao	
Huang, XiaojinICONE26-81570 (4-1	I), ICONE26-81748 (9-5
ICONE26-82483 (4-4	
,	
Huang, XuanICONE26-81509 (2-	
Huang, Yanping . ICONE26-81075 (8-2)	
ICONE26-81564 (8-1), ICONE26-81588 (8-2
	ICONF26-82596 (8-2
Huang, Yi ICONF26-81183 (1-2)	
Huang, YiICONE26-81183 (1-2	IUUNEZU-0ZUZU (TU-
Huang, Yu	10011500 01070 (5
Huang, Yu	ICONE26-81273 (5-
Huang, Yu	ICONE26-81273 (5-
Huang, Yu Huang, Yuncong Huang, Yunlong	ICONE26-81273 (5- ICONE26-81526 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3-
Huang, YuHuang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3-	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8-
Huang, YuHuang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu.	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (6- ICONE26-81074 (6-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-81074 (6- ICONE26-82262 (6-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-8155 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81238 (6-1 ICONE26-81238 (6-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-8155 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81238 (6-1 ICONE26-81238 (6-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-82165 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82417 (6- ICONE26-81074 (6- ICONE26-81238 (8-1) ICONE26-81238 (8-1)
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar .ICONE26-82643 (8-9	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81578 (16-1 .), ICONE26-81578 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81578 (16-1 .), ICONE26-81578 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar .ICONE26-82643 (8-9	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81578 (16-1 .), ICONE26-81578 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81578 (16-1 .), ICONE26-81578 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar .ICONE26-82643 (8-9	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81660 (3- ICONE26-82415 (8- ICONE26-82415 (8- ICONE26-82262 (6- ICONE26-81578 (16-1 .), ICONE26-81578 (16-1
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma LCONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar LCONE26-82643 (8-9 Hwang, Ji-Hwan	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81571 (15ICONE26-81295 (2-1 4), ICONE26-81660 (3ICONE26-81674 (6ICONE26-8262 (6ICONE26-81238 (8-1) ICONE26-81578 (16-1), ICONE26-82591 (11-
Huang, Yu. Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15 ICONE26-81295 (2-1 4), ICONE26-81660 (3 ICONE26-82415 (8 ICONE26-82415 (8 ICONE26-82262 (6 ICONE26-81238 (8-1) ICONE26-81578 (16-1) , ICONE26-82591 (11 ICONE26-82591 (11-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang. Hurtado, Antonio	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15ICONE26-81295 (2-1 4), ICONE26-81660 (3ICONE26-81674 (6ICONE26-81074 (6ICONE26-81238 (8-1! ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81309 (13ICONE26-81309 (13ICONE26-8145 (9ICONE26-81578 (16-1), ICONE26-82591 (11-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang. Hurtado, Antonio	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15ICONE26-81295 (2-1 4), ICONE26-81660 (3ICONE26-81674 (6ICONE26-81074 (6ICONE26-81238 (8-1! ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81309 (13ICONE26-81309 (13ICONE26-8145 (9ICONE26-81578 (16-1), ICONE26-82591 (11-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar ICONE26-82643 (8-9 Hwang, Ji-Hwan Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15ICONE26-81295 (2-1 4), ICONE26-81660 (3ICONE26-81074 (6ICONE26-81238 (8-1) ICONE26-81238 (8-1) ICONE26-81578 (16-1), ICONE26-82591 (11-
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar ICONE26-82643 (8-9 Hwang, Ji-Hwan Ichikawa, Kenta Ichomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15 ICONE26-81571 (15 ICONE26-81660 (3 ICONE26-81674 (6- ICONE26-82475 (8 ICONE26-81074 (6- ICONE26-81238 (8-1: ICONE26-81238 (8-1: ICONE26-81578 (16-1) , ICONE26-82591 (11 ICONE26-82591 (11 ICONE26-81578 (13 ICONE26-81578 (13 ICONE26-81578 (13 ICONE26-81591 (11 ICONE26-81578 (13 ICONE26-8178 (16-1)
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar ICONE26-82643 (8-9 Hwang, Ji-Hwan Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1 ICONE26-81571 (15 ICONE26-81571 (15 ICONE26-81660 (3 ICONE26-81674 (6- ICONE26-82475 (8 ICONE26-81074 (6- ICONE26-81238 (8-1: ICONE26-81238 (8-1: ICONE26-81578 (16-1) , ICONE26-82591 (11 ICONE26-82591 (11 ICONE26-81578 (13 ICONE26-81578 (13 ICONE26-81578 (13 ICONE26-81591 (11 ICONE26-81578 (13 ICONE26-8178 (16-1)
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81571 (15ICONE26-81575) (15ICONE26-81660 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1)ICONE26-81578 (16-1)ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1)ICONE26-81578 (16-1)ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1)ICONE26-8178 (16-1)ICONE26-8178 (17ICONE26-81797 (16-1)ICONE26-81797 (16-1)ICONE26-8164 (10-1)
Huang, Yu. Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu. Huo, Yonggang. Hurtado, Antonio Hussain, AnwarICONE26-82643 (8-9 Hwang, Ji-Hwan I Ichikawa, KentaIdomura, YasuhiroIguchi, YukihiroIhara, TomonoriInvernizzi, Diletta Colette	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81571 (15ICONE26-81295 (2-1 4), ICONE26-81660 (3ICONE26-81660 (3ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1) ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81288 (10ICONE26-81288 (10ICONE26-81288 (10ICONE26-81281 (10-1ICONE26-82614 (10-1ICONE26-82614 (10-1
Huang, Yu. Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu. Huo, Yonggang. Hurtado, Antonio. Hussain, AnwarICONE26-82643 (8-9 Hwang, Ji-Hwan. Ichikawa, Kenta	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81551 (15ICONE26-81295 (2-1 4), ICONE26-81660 (3ICONE26-81674 (6ICONE26-82415 (8ICONE26-81238 (8-1) ICONE26-81238 (8-1) ICONE26-81578 (16-1) , ICONE26-81578 (16-1) , ICONE26-81578 (16-1)ICONE26-81578 (16-1)ICONE26-81291 (11ICONE26-812145 (9ICONE26-8128 (10ICONE26-8128 (10ICONE26-8128 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-81614 (10-1ICONE26-81604 (13-
Huang, Yu. Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, MaICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu. Huo, Yonggang. Hurtado, Antonio. Hussain, AnwarICONE26-82643 (8-9 Hwang, Ji-Hwan. Ichikawa, Kenta	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-8165 (16-1ICONE26-81571 (15ICONE26-81295 (2-1 4), ICONE26-81600 (3ICONE26-81600 (3ICONE26-81074 (6ICONE26-81238 (8-1) ICONE26-81238 (8-1) ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-81578 (16-1), ICONE26-81578 (16-1), ICONE26-81591 (11ICONE26-81291 (11ICONE26-812145 (9-1)ICONE26-8128 (10-1)ICONE26-8128 (10-1)ICONE26-81428 (10-1)ICONE26-81428 (10-1)ICONE26-81428 (10-1)ICONE26-81428 (10-1)ICONE26-81428 (10-1)ICONE26-81428 (10-1)ICONE26-81604 (13-1)ICONE26-81604 (13-1)ICONE26-81604 (13-1)ICONE26-81604 (13-1)
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Hussain, Anwar ICONE26-82643 (8-9 Hwang, Ji-Hwan Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ilhara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15- ICONE26-81295 (2-1 4), ICONE26-81600 (3- ICONE26-81600 (3- ICONE26-81074 (6- ICONE26-81238 (8-1) ICONE26-81238 (8-1) ICONE26-81578 (16-1) , ICONE26-81578 (16-1) , ICONE26-81578 (16-1) , ICONE26-81578 (16-1) , ICONE26-81645 (2-1) ICONE26-81645 (2-1) ICONE26-81647 (11- ICONE26-81698 (10-1) ICONE26-81614 (10-1) ICONE26-81694 (10-1) ICONE26-81604 (13- ICONE26-81699 (8- ICONE26-81699 (8-
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio I Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro.	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15 ICONE26-81571 (15 ICONE26-81660 (3 ICONE26-81660 (3 ICONE26-82415 (8 ICONE26-82041 (8 ICONE26-81074 (6- ICONE26-81238 (8-1: ICONE26-81238 (8-1: ICONE26-81578 (16-1) , ICONE26-82591 (11 ICONE26-82591 (11 ICONE26-81591 (11 ICONE26-81727 (16-1 ICONE26-81727 (16-1 ICONE26-81428 (10-1 ICONE26-81698 (13 ICONE26-81698 (13 ICONE26-81699 (8 ICONE26-81699 (8 ICONE26-81699 (8 ICONE26-81699 (8-
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Lichikawa, Kenta Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81571 (15ICONE26-81571 (15ICONE26-81575 (16-1 4), ICONE26-81660 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1: ICONE26-81238 (8-1: ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1), ICONE26-81428 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-8140 (13ICONE26-81699 (8ICONE26-81699 (8ICONE26-81699 (8ICONE26-81699 (8ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81411 (6-1-
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Lichikawa, Kenta Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81571 (15ICONE26-81571 (15ICONE26-81575 (16-1 4), ICONE26-81660 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1: ICONE26-81238 (8-1: ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1), ICONE26-81428 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-81428 (10ICONE26-8140 (13ICONE26-81699 (8ICONE26-81699 (8ICONE26-81699 (8ICONE26-81699 (8ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81072 (3-1ICONE26-81411 (6-1-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81551 (15ICONE26-81595 (16-1 4), ICONE26-81600 (3ICONE26-81600 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-8178 (16-1), ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1), ICONE26-81645 (2-1ICONE26-81645 (10-1ICONE26-8169 (10-1ICONE26-81604 (13ICONE26-81604 (13I
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81551 (15ICONE26-81595 (1-4), ICONE26-81600 (3ICONE26-81600 (3ICONE26-82415 (8ICONE26-8262 (6ICONE26-81238 (8-1); ICONE26-81238 (8-1); ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-8158 (10-2); ICONE26-81604 (13ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81605 (3-1); ICONE26-81605 (3-1); ICONE26-81605 (3-1); ICONE26-81605 (3-1); ICONE26-8253 (14ICONE26-82533 (14-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81551 (15ICONE26-81595 (1-4), ICONE26-81600 (3ICONE26-81600 (3ICONE26-82415 (8ICONE26-8262 (6ICONE26-81238 (8-1); ICONE26-81238 (8-1); ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-8158 (10-2); ICONE26-81604 (13ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81604 (3ICONE26-81605 (3-1); ICONE26-81605 (3-1); ICONE26-81605 (3-1); ICONE26-81605 (3-1); ICONE26-8253 (14ICONE26-82533 (14-
Huang, Yu Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio I Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ilshiki, Kenshiro Ishiki, Katsunori Ishiki, Kenshiro Ishiki, Kenshiro Ishiki, Katsunori Ishiki, Kenshiro Ishimi, Akihiro Ishiki, Kalsuke	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81551 (15 ICONE26-81595 (1-4) 4), ICONE26-81690 (3 ICONE26-81690 (3 ICONE26-82415 (8 ICONE26-82415 (8 ICONE26-81238 (8-1) ICONE26-81578 (16-1) , ICONE26-81578 (16-1) , ICONE26-82591 (11 ICONE26-82591 (11 ICONE26-8158 (10 ICONE26-81727 (16-1) ICONE26-81727 (16-1) ICONE26-81694 (10-1) ICONE26-81604 (13 ICONE26-81691 (3 ICONE26-81694 (3 ICONE26-81694 (3 ICONE26-81694 (3 ICONE26-81694 (3 ICONE26-81696 (3 ICONE26-81696 (3 ICONE26-82586 (3 ICONE
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio I Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro Ishimi, Akihiro Ishimi, Akihiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15 ICONE26-81571 (15 ICONE26-81660 (3 ICONE26-81660 (3 ICONE26-81674 (6- ICONE26-81074 (6- ICONE26-81238 (8-1! ICONE26-81238 (8-1! ICONE26-81578 (16-1) , ICONE26-82645 (2-1 ICONE26-82591 (11 ICONE26-82145 (9 ICONE26-81298 (10 ICONE26-81288 (10 ICONE26-81428 (10 ICONE26-81698 (8 ICONE26-81699 (8 ICONE26-81072 (3-1 ICONE26-82022 (14 ICONE26-82536 (9 ICONE26-82586 (9 ICONE26-82586 (9-
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Lichikawa, Kenta Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei Ivanov, Kostadin	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81551 (15ICONE26-81571 (15ICONE26-81571 (15ICONE26-81660 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1)ICONE26-81238 (8-1)ICONE26-81578 (16-1)ICONE26-81578 (16-1)ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1)ICONE26-81699 (13ICONE26-81699 (13ICONE26-81699 (13ICONE26-81727 (16-1)ICONE26-81699 (8ICONE26-81699 (8ICONE26-81072 (3-1)ICONE26-811072 (3-1)ICONE26-811072 (3-1)ICONE26-81093 (13-1)ICONE26-81093 (13-1)ICONE26-81699 (8-1)ICONE26-81699 (8-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-81571 (15-2)
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio Lichikawa, Kenta Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei Ivanov, Kostadin	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81551 (16-1ICONE26-81551 (15ICONE26-81571 (15ICONE26-81571 (15ICONE26-81660 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1)ICONE26-81238 (8-1)ICONE26-81578 (16-1)ICONE26-81578 (16-1)ICONE26-82591 (11ICONE26-82591 (11ICONE26-81578 (16-1)ICONE26-81699 (13ICONE26-81699 (13ICONE26-81699 (13ICONE26-81727 (16-1)ICONE26-81699 (8ICONE26-81699 (8ICONE26-81072 (3-1)ICONE26-811072 (3-1)ICONE26-811072 (3-1)ICONE26-81093 (13-1)ICONE26-81093 (13-1)ICONE26-81699 (8-1)ICONE26-81699 (8-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-82586 (9-1)ICONE26-81571 (15-2)
Huang, Yu. Huang, Yuncong Huang, Yunlong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma. ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu. Huo, Yonggang Hurtado, Antonio Illussain, Anwar ICONE26-82643 (8-9 Hwang, Ji-Hwan Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ilhara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei Ivanov, Kostadin	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81551 (15ICONE26-81595 (1-4), ICONE26-81600 (3ICONE26-81600 (3ICONE26-82415 (8ICONE26-82415 (8ICONE26-82262 (6ICONE26-81238 (8-1). ICONE26-81578 (16-1), ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-82645 (2-1ICONE26-81248 (9-1). ICONE26-81694 (10-1). ICONE26-81727 (16-1). ICONE26-81694 (13ICONE26-81699 (8ICONE26-81699 (8ICONE26-81699 (8ICONE26-82586 (9ICONE26-82586 (9ICONE26-82586 (9ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-82586 (9ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-81571 (15-2). ICONE26-82581 (16-1).
Huang, Yu. Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81551 (15ICONE26-81595 (16-1 4), ICONE26-81295 (2-1 4), ICONE26-81600 (3ICONE26-81600 (3ICONE26-82415 (8ICONE26-8178 (16-1), ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-82591 (11ICONE26-81288 (10-2)ICONE26-81288 (10-2)ICONE26-81604 (10-1)ICONE26-81604 (10-1)ICONE26-81604 (10-1)ICONE26-81604 (10-1)ICONE26-81604 (13ICONE26-81604 (13ICONE26-81503 (14ICONE26-82538 (9ICONE26-82586 (9ICONE26-81571 (15-2 ICONE26-81571 (15-2 ICONE26-81759 (6-4)
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio I Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ilhara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei Ivanov, Kostadin Iwaki, Chikako ICONE26-81386 (6-4	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81551 (15ICONE26-81595 (1-4), ICONE26-81690 (3ICONE26-81690 (3ICONE26-81674 (6ICONE26-81238 (8-1) ICONE26-81238 (8-1) ICONE26-81578 (16-1), ICONE26-82591 (11ICONE26-81645 (2-1). ICONE26-81645 (2-1). ICONE26-81698 (10ICONE26-81698 (10ICONE26-81694 (10-1). ICONE26-81694 (10-1). ICONE26-82586 (9-1). ICONE26-82586 (9-1). ICONE26-82586 (9-1). ICONE26-82586 (9-1). ICONE26-82431 (16-1). ICONE26-82448 (8-1). ICONE26-8248 (8-1). ICONE26-8
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio I Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ihara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro Ishimi, Akihiro Ishimi, Akihiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei Ivanov, Kostadin Iwaki, Chikako ICONE26-81386 (6-4 Iwamoto, Hiroki	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15 ICONE26-81571 (15 ICONE26-81660 (3 ICONE26-81660 (3 ICONE26-81674 (6- ICONE26-81074 (6- ICONE26-81238 (8-1- ICONE26-81238 (8-1- ICONE26-81578 (16-1-), ICONE26-81578 (16-1-), ICONE26-82645 (2-1 ICONE26-82591 (11 ICONE26-81579 (16-1- ICONE26-81572 (16-1- ICONE26-81572 (16-1- ICONE26-81699 (8 ICONE26-81604 (13 ICONE26-81604 (13 ICONE26-81604 (13 ICONE26-81604 (13 ICONE26-81699 (8 ICONE26-81752 (14 ICONE26-81553 (14 ICONE26-82586 (9 ICONE26-82586 (9 ICONE26-82586 (9 ICONE26-82586 (9 ICONE26-82531 (16-1- 4), ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81733 (5 ICONE26-81233 (5-
Huang, Yu Huang, Yuncong Huang, Yuncong Huang, Yunlong Huang, Zhiyong Hudelot, Jean-Pascal Hui, Yongbo Huiyun, Ma ICONE26-81656 (3- Humphries, Larry Hung, Zhen-Yu Huo, Yonggang Hurtado, Antonio I Ichikawa, Kenta Idomura, Yasuhiro Iguchi, Yukihiro Ilhara, Tomonori Invernizzi, Diletta Colette Ishii, Katsunori Ishiki, Kenshiro Ishimi, Akihiro Ishiwatari, Yuki Ito, Daisuke Ito, Kei Ivanov, Kostadin Iwaki, Chikako ICONE26-81386 (6-4	ICONE26-81273 (5- ICONE26-81526 (16-1 ICONE26-81526 (16-1 ICONE26-81571 (15 ICONE26-81571 (15 ICONE26-81660 (3 ICONE26-81660 (3 ICONE26-81674 (6- ICONE26-81074 (6- ICONE26-81238 (8-1- ICONE26-81238 (8-1- ICONE26-81578 (16-1-), ICONE26-81578 (16-1-), ICONE26-82645 (2-1 ICONE26-82591 (11 ICONE26-81579 (16-1- ICONE26-81572 (16-1- ICONE26-81572 (16-1- ICONE26-81699 (8 ICONE26-81604 (13 ICONE26-81604 (13 ICONE26-81604 (13 ICONE26-81604 (13 ICONE26-81699 (8 ICONE26-81752 (14 ICONE26-81553 (14 ICONE26-82586 (9 ICONE26-82586 (9 ICONE26-82586 (9 ICONE26-82586 (9 ICONE26-82531 (16-1- 4), ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81759 (6 ICONE26-81733 (5 ICONE26-81233 (5-

J		Kaneko, Akik
	oherICONE26-81090 (2-4),	
	ICONE26-81424 (15-3),	
	ICONE26-82376 (9-7)	
	me	Kang, Han-0
	ICONE26-82350 (8-19)	Kang, Kyoun
	ICONE26-82205 (9-2), ICONE26-82523 (6-8) sICONE26-81286 (15-3)	Kang, Kyung
	ICONE26-81773 (16-12),	Kang, Tiansh
	ICONE26-82074 (11-4),	Kano, Sho
	ICONE26-82161 (11-2)	Kappes, Etha
	ICONE26-81944 (16-18)	Kapulla, Ralf
	ICONE26-82671 (5-6)	Karaskiewicz
	ICONE26-82603 (7-2)	Kashinsky, O
	CONE26-82006 (8-20), ICONE26-82091 (8-21)	Kato, Yoshiyu
	ICONE26-82458 (8-23)	Katsuyama,
	ICONE26-82666 (3-10)	Kawabe, Taka
	kICONE26-82591 (11-1) ICONE26-81263 (16-16)	Kawaguchi, N
Jezek, i ilip .li Yu	ICONE26-82235 (9-8), ICONE26-82356 (8-24)	Kawashima,
	ONE26-81292 (8-15), ICONE26-81772 (8-36),	Ke, Hanbing.
	ICONE26-81834 (8-36)	Ke, Yi
	ICONE26-81885 (6-6), ICONE26-81960 (6-7)	Ke, Zhiwu
	.ICONE26-82561 (4-4), ICONE26-82575 (6-2)	Kelly, J. D
		Kelly, J. D Kemp, R. Sco
	ICONE26-81172 (1-2)	Nemp, n. out
	ICONE26-82325 (8-27)	Khalid, Moha
		Khan, Hamda
	ICONE26-81067 (6-8), ICONE26-81068 (6-8)	Kharchenko,
	ICONE26-81305 (8-16)	
	ICONE26-81816 (5-5) ICONE26-81278 (3-10), ICONE26-81509 (2-1)	Khmil, Dmytr
	.ICONE26-81012 (8-2), ICONE26-81038 (8-6),	Khrennikov, N
	ICONE26-81806 (8-24)	Kikuchi, Wata
	ICONE26-81569 (9-11),	
	ICONE26-81748 (9-5),	Kikuchi, Yuicl
	ICONE26-82223 (8-5)	Kikura, Hirosl
Jiang, Shuying	ICONE26-82035 (8-35),	
	ICONE26-82041 (15-1)	
	ICONE26-81342 (9-1)	Kim, Beom K
	ICONE26-81714 (4-6)	
	ICONE26-81596 (2-10), ICONE26-82244 (2-7)	Kim, Chan So
		Kim, Hwanso
	ICONE26-81205 (2-5) ICONE26-81258 (10-9)	Kim, Hyun-ju
0 0, 0	ICONE26-82313 (14-5)	Kim, Hyungm
	ICONE26-81886 (8-11)	Kim, Ji Hyun Kim, Ji-Su
	ICONE26-82687 (7-1)	Kim, Jong-W
Jin, Lu	ICONE26-81520 (6-9)	Kim, Jong W
Jingyan, Hong	ICONE26-81520 (6-9)	Kim, Joonki
	ICONE26-82313 (14-5)	Kim, Koung N
Jo, Daeseong	ICONE26-81382 (16-14)	Kim, Kyoungl
Johansen, Ronald	ICONE26-82422 (1-2)	Kim, Kyung-o
	ICONE26-81825 (1-5)	Kim, Minkyur
	ICONE26-81462 (8-6)	Kim, Moo Hw
	.ICONE26-82080 (7-5), ICONE26-82124 (7-4),	Kim, Nam Ky
	.ICONE26-82080 (7-5), ICONE26-82124 (7-4), ICONE26-82603 (7-2)	Kim, Seok
	ICONE26-82403 (7-2)	Kim, Sin-Yeo
	phe	Kim, Soo-sur
	ICONE26-82400 (16-22)	Kim, Sung Jo
	ICONE26-81183 (1-2)	
	ICONE26-82308 (3-4)	
	ICONE26-81674 (2-11)	Kim, Taeseok
	ICONE26-82310 (11-3)	
	ICONE26-82177 (3-6)	12 - 14 - 12
	ICONE26-81258 (10-9)	Kim, Won Ki.
	ICONE26-81558 (8-33)	Kim, Yeon-Sil
Jyrkama, Mikko	ICONE26-81115 (14-1)	Kim, Yonghee Kimura, Fum
		Kimura, Fum Kimura, Ryus
K		Kimura, Shur
	ICONE26-81578 (16-10)	Killiula, Silul
Kaili, Xu	ICONE26-81789 (1-1)	Kimura, Yosh
	ICONE26-81923 (2-6)	King, Stephe
Kalilainen, Jarmo	ICONE26-81082 (16-6)	Kinoshita, Iku
	ICONE26-82058 (16-18)	Kinoshita, Mo
Kanda, Hironori	ICONE26-81309 (13-2)	Kirby, Alex
Kanda, Kenichi	ICONE26-82018 (8-3), ICONE26-82129 (8-3)	Kirishima, Ak
Kanechika, Minor	uICONE26-81072 (3-12)	Kirkland, Kar
	ICONE26-81913 (3-13)	Kita, Toshinol

Kaneko, Akiko	
100NE00 040E0 (0	
ICONE26-81659 (8- ICONE26-81695 (16-	
ICONE26-81993 (16-17	
Kang, Han-Ok	ICONE26-82671 (5-6)
Kang, Kyoung Ho. ICONE26-81458 (8-7), ICONE26-81460 (8-6)
Kang, Kyung Jun	
Kang, Tianshan	ICONE26-81596 (2-10)
Kano, Sho	ICONE26-81727 (16-5)
Kappes, Ethan	
Kapulla, Ralf	
Karaskiewicz, Krzysztof Kashinsky, Oleg	ICUNEZO-01023 (1-3)
radilliony, olog	ICONF26-82407 (8-12)
Kato, Yoshiyuki	ICONE26-81699 (8-6)
Katsuyama, Jinya	ICONE26-82568 (3-9)
Kawabe, Takahiro	
Kawaguchi, Munemichi	
Kawashima, Daisuke	ICUNE26-81944 (16-18)
Ke, Yi	ICONE26-81212 (0-2)
Ke, Zhiwu ICONE26-81584 (1	
, = (ICONE26-82473 (6-6)
Kelly, J. D.	ICONE26-82422 (1-2)
Kemp, R. Scott	ICONE26-82403 (3-13),
Khalid, Mohanned Khan, Hamda	
Kharchenko, Vyacheslav	
Trica orionito, vydorioolav	
	ICONE26-82377 (4-1)
Khmil, Dmytro	
Khrennikov, Nikolay	ICONE26-81708 (1-3)
Kikuchi, Wataru	
Kikuchi, Yuichiro	
Kikura, Hiroshige	
	ICONE26-82614 (10-10),
	ICONE26-82617 (10-2)
Kim, Beom Kyu	ICONE26-81754 (10-1),
Kim, Chan Soo	ICUNE26-82468 (10-7)
Kim, Hwansoo	ICONE26-82495 (1-5)
Kim, Hyun-jung	ICONE26-82666 (3-10)
Kim, Hyungmo	ICONE26-82458 (8-23)
Kim, Ji Hyun	ICONE26-82469 (3-7)
Kim, Ji-Su	
Kim, Jong-WookICONE26-81458 (i	
Kim, Joonki	ICONF26-82458 (8-23)
Kim, Koung Moon	
Kim, Kyounghong	
Kim, Kyung-dooICONE26-81458 (
Kim, Minkyung	
Kim, Moo Hwan Kim, Nam Kyung	
Killi, Ivalli Kyuliy	
Kim, Seok ICONE26-82006 (8-2	20), ICONE26-82091 (8-21)
Kim, Sin-Yeob	
Kim, Soo-sung	
Kim, Sung Joong	
ICONE26-82074 (11	
Kim, Taeseok	
	ICONE26-82074 (11-4),
W W W 100NEO	
Kim, Won Ki ICONE26-81754 (10- Kim, Yeon-Sik ICONE26-82006 (8-2	-1), ICUNE26-82468 (10-7)
Kim, Yonghee	20), ICONE20-62091 (6-21) ICONE26-81845 (8-35)
Kimura, Fumihito	
Kimura, Ryusuke	
Kimura, Shun	ICONE26-82150 (16-22),
10 V P.T.	
Kimura, Yoshiki	
King, Stephen Kinoshita, Ikuo	
Kinoshita, Motoyasu	
Kirby, Alex	
Kirishima, Akira	ICONE26-81338 (10-7)
Kirkland, Karen V.	
Kita, Toshinobu	ICUNE26-81959 (14-4)

Kitagawa, Tomoya	ICONF26-81338 (10-7)
Kitahara, Naoto	
Kitamura, Koichi	. ICONE26-81228 (10-7)
Kitano, Ayumi	ICONE26-81391 (16-14)
Kiuchi, Hironobu	ICONE26-82150 (16-22)
Klepáková, Adela	. ICONE26-82661 (12-2)
Knospe, Alexander	
Kobelak, Jeffrey	
Koch, Marco K.	
Koda, Yuya	
Kodama, Atsushi	
Kohei, Tanaka	
Koike, Hisashi	
Kokalova Wheldon, Tzanny	
Komiyama, Yohei	
Kommajosyula, Ravikishore	
Komori, Yuji	
Nomuro, fosilitera	
Kondo, Yoshiyuki	
Notico, fostilyuki	
Kong, Haozheng	
Kong, Jiaji	ICONE20-02030 (0-30)
Kong, Xiangbo	
Kono, Naoyuki	
Konys, Jürgen. ICONE26-81713 (3-11)	ICONE26 92512 /2 11
Kópházi, Jozsef	, ICONE20-02313 (3-11) ICONE26-81316 (2-12)
Kopiiazi, Jozsei	
Koreshi, ZafarICONE26-81648 (2-5)	
Korir, lan	
Kosowski, Kai	ICONE26-81815 (8-35)
Kotov, Vitaly	
Kovalenko, Andriy	ICONE26-82377 (4-1)
Koyama, Kazuya	ICONE26-81663 (9-2)
Kozaki, Tamotsu I	
Kral, PavelICONE26-81007 (8-33)	
Kramer, Gregory	
Kraus, Adam.	ICONF26-82486 (9-11)
Krepel, Jiri ICONE26-81082 (16-6)	. ICONF26-81445 (16-4)
Krepper, Eckhard	ICONE26-81846 (9-9)
Krueger, Aaron	. ICONE26-82438 (15-1)
Kruessenberg, Anne	. ICONE26-81726 (8-13)
Kruichak, Jessica N.	ICONE26-81440 (8-4)
Kryukov, İvan S.	
Kuang, Bo ICONE26-82204 (8-30),	
	. ICONE26-82630 (8-36)
Kucala, Alec	ICONE26-81440 (8-4)
Kulenovic, Rudi	
Kulenovic, Rudi Kulikov, Dmitry	
Kulikov, Dmitry	. ICONE26-82163 (8-14) ICONE26-82139 (6-1)
Kulikov, Dmitry Kume, Naoto Kun, Zhang	. ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr	. ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14)
Kulikov, Dmitry Kume, Naoto. Kun, Zhang Kurdyumov, Alexandr	. ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) . ICONE26-82407 (8-12)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi	.ICONE26-82163 (8-14 ICONE26-82139 (6-1) ICONE26-81789 (1-1) .ICONE26-82163 (8-14) .ICONE26-82407 (8-12) .ICONE26-81079 (14-1)
Kulikov, Dmitry Kume, Naoto. Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio	ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81079 (14-1) ICONE26-81338 (10-7)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable	.ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81079 (14-1) .ICONE26-81383 (10-7) ICONE26-81084 (16-8)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable	ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81079 (14-1) ICONE26-81383 (10-7) ICONE26-81084 (16-8) ICONE26-81884 (16-8)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz	.ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81079 (14-1) ICONE26-81338 (10-7) ICONE26-81084 (16-8) ICONE26-81049 (9-4)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln	ICONE26-82163 (8-14 ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81039 (10-7) ICONE26-81038 (10-7) ICONE26-81084 (16-8) ICONE26-81049 (9-4) ICONE26-81494 (9-4) ICONE26-82497 (8-38)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William	ICONE26-82163 (8-14 ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81079 (14-1) ICONE26-81338 (10-7) ICONE26-81084 (16-8) ICONE26-81049 (9-4) ICONE26-81439 (8-38) ICONE26-81438 (3-13)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli	ICONE26-82163 (8-14;ICONE26-82139 (6-1);ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-81040 (8-12); ICONE26-81338 (10-7); ICONE26-81084 (16-8); ICONE26-81884 (16-8); ICONE26-81049 (9-4); ICONE26-81483 (3-13); ICONE26-81438 (3-13); ICONE26-81243 (13-3); ICONE26-82434 (13-3); ICONE26-82434 (13-3); ICONE26-82343 (13-3);
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William	ICONE26-82163 (8-14;ICONE26-82139 (6-1);ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-81040 (8-12); ICONE26-81338 (10-7); ICONE26-81084 (16-8); ICONE26-81884 (16-8); ICONE26-81049 (9-4); ICONE26-81483 (3-13); ICONE26-81438 (3-13); ICONE26-81243 (13-3); ICONE26-82434 (13-3); ICONE26-82434 (13-3); ICONE26-82343 (13-3);
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli	ICONE26-82163 (8-14;ICONE26-82139 (6-1);ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-81040 (8-12); ICONE26-81338 (10-7); ICONE26-81084 (16-8); ICONE26-81884 (16-8); ICONE26-81049 (9-4); ICONE26-81483 (3-13); ICONE26-81438 (3-13); ICONE26-81243 (13-3); ICONE26-82434 (13-3); ICONE26-82434 (13-3); ICONE26-82343 (13-3);
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli	ICONE26-82163 (8-14;ICONE26-82139 (6-1);ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-81040 (8-12); ICONE26-81338 (10-7); ICONE26-81084 (16-8); ICONE26-81884 (16-8); ICONE26-81049 (9-4); ICONE26-81483 (3-13); ICONE26-81438 (3-13); ICONE26-81243 (13-3); ICONE26-82434 (13-3); ICONE26-82434 (13-3); ICONE26-82343 (13-3);
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri	ICONE26-82163 (8-14; ICONE26-82163 (6-1); ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-8163 (8-14); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13; ICONE26-81438 (3-13; ICONE26-81558 (8-33); ICONE26-8158 (8-33)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri	ICONE26-82163 (8-14;ICONE26-82139 (6-1);ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-812407 (8-12); ICONE26-81338 (10-7); ICONE26-81384 (16-8); ICONE26-81044 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81558 (8-33); ICONE26-81558 (8-33); ICONE26-82272 (7-4); ICONE26-82272 (
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken	ICONE26-82163 (8-14;ICONE26-82139 (6-1;ICONE26-81789 (1-1; ICONE26-8163 (8-14); ICONE26-82407 (8-12; ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81497 (8-38; ICONE26-81493 (3-13; ICONE26-81438 (3-13; ICONE26-81558 (8-33; ICONE26-82272 (7-4; ICONE26-81090 (2-4; ICONE26
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri	ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-81789 (1-1) ICONE26-8163 (8-14) ICONE26-82407 (8-12) ICONE26-81039 (10-7) ICONE26-81038 (10-7) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-81558 (8-33)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette	ICONE26-82163 (8-14; ICONE26-82139 (6-1); ICONE26-81789 (1-1); ICONE26-81789 (1-1); ICONE26-81263 (8-14); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13; ICONE26-81438 (3-33; ICONE26-81558 (8-33); ICONE26-81161 (12-2); ICONE26-81090 (2-4; ICONE26-81161 (12-2); ICONE26-81337 (7-3); ICONE26-81335 (10-3); ICONE26-81335 (10-3); ICONE26-81335 (10-3); ICONE26-81335 (10-3); ICONE26-81353 (1
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri L Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette	ICONE26-82163 (8-14; ICONE26-82139 (6-1); ICONE26-81789 (1-1); ICONE26-81789 (1-1); ICONE26-81263 (8-14); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13; ICONE26-81438 (3-33; ICONE26-81558 (8-33); ICONE26-81161 (12-2); ICONE26-81090 (2-4; ICONE26-81161 (12-2); ICONE26-81337 (7-3); ICONE26-81335 (10-3); ICONE26-81335 (10-3); ICONE26-81335 (10-3); ICONE26-81335 (10-3); ICONE26-81353 (1
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri L Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette	ICONE26-82163 (8-14; ICONE26-82163 (6-1); ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-8163 (8-14); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13; ICONE26-81438 (3-13; ICONE26-81558 (8-33); ICONE26-81558 (8-33); ICONE26-81558 (3-32); ICONE26-81593 (10-72); ICONE26-81593 (10-74); ICONE26
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri L Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon	ICONE26-82163 (8-14, ICONE26-82139 (6-1), ICONE26-81789 (1-1), ICONE26-8163 (8-14), ICONE26-8163 (8-14), ICONE26-81049 (14-1), ICONE26-81338 (10-7), ICONE26-81084 (16-8), ICONE26-81049 (9-4), ICONE26-81049 (9-4), ICONE26-81438 (3-13), ICONE26-81558 (8-33), ICONE26-81558 (8-33), ICONE26-8161 (12-2), ICONE26-8161 (12-2), ICONE26-81853 (10-7), ICONE26-81853 (10-7), ICONE26-81853 (10-7), ICONE26-81853 (10-7), ICONE26-81593 (16-4), ICONE26-8
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri L Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfredini, Marco	ICONE26-82163 (8-14; ICONE26-82139 (6-1); ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-8163 (8-14); ICONE26-81049 (10-7); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (9-4); ICONE26-81084 (9-4); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81558 (8-33); ICONE26-8161 (12-2); ICONE26-8161 (12-2); ICONE26-81853 (10-7); ICONE26-81853 (10-7); ICONE26-81853 (10-7); ICONE26-81593 (16-4); ICONE26-82574 (15-1); ICONE26-82574 (15-1); ICONE26-82634 (3-11); ICONE26-8
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanffedini, Marco Lang, Paul ICONE26-82272 (7-4	ICONE26-82163 (8-14; ICONE26-82139 (6-1); ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-82163 (8-14); ICONE26-8163 (8-14); ICONE26-81038 (10-7); ICONE26-81338 (10-7); ICONE26-81084 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81558 (8-33); ICONE26-816161 (12-2); ICONE26-816161 (12-2); ICONE26-81593 (16-4); ICONE26-81593 (16-4); ICONE26-82574 (15-1); ICONE26-82584 (3-13); ICONE26-82574 (15-1); ICONE26-82580 (7-5); ICONE26-828260 (7-5); ICONE26-828260 (7-5); ICONE26-828261 (15-1); ICONE26-828260 (7-5); ICONE26-828261 (7-5); ICON
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanffedini, Marco Lang, Paul ICONE26-82272 (7-4	ICONE26-82163 (8-14; ICONE26-82139 (6-1); ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-82163 (8-14); ICONE26-8163 (8-14); ICONE26-81038 (10-7); ICONE26-81338 (10-7); ICONE26-81084 (16-8); ICONE26-81049 (9-4); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81558 (8-33); ICONE26-816161 (12-2); ICONE26-816161 (12-2); ICONE26-81593 (16-4); ICONE26-81593 (16-4); ICONE26-82574 (15-1); ICONE26-82584 (3-13); ICONE26-82574 (15-1); ICONE26-82580 (7-5); ICONE26-828260 (7-5); ICONE26-828260 (7-5); ICONE26-828261 (15-1); ICONE26-828260 (7-5); ICONE26-828261 (7-5); ICON
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri L Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfredini, Marco Lang, Paul Lang, Paul LoNE26-82272 (7-4 Lange, Carsten	ICONE26-82163 (8-14, ICONE26-82139 (6-1), ICONE26-81789 (1-1), ICONE26-81789 (1-1), ICONE26-8163 (8-14), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81049 (9-4), ICONE26-81438 (3-13), ICONE26-81438 (3-13), ICONE26-81558 (8-33), ICONE26-81558 (8-33), ICONE26-81553 (16-2), ICONE26-81593 (16-4), ICONE26-81593 (16-4), ICONE26-82574 (15-1), ICONE26-82574 (15-1), ICONE26-82519 (12-2), ICONE26-82519 (12-2), ICONE26-82519 (12-2), ICONE26-82519 (12-2), ICONE26-82519 (12-2), ICONE26-82191 (12-2), ICONE26-81593 (8-15), ICONE26-81593 (8-15), ICONE26-81591 (12-2), ICONE26-81593 (8-15), ICONE26-81593 (8-15), ICONE26-81238 (8-15), ICONE2
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfredini, Marco Lang, Fabian Lang, Paul LoNE26-82272 (7-4 Lange, Carsten Lange, Vicky	ICONE26-82163 (8-14; ICONE26-82139 (6-1); ICONE26-81789 (1-1); ICONE26-81789 (1-1); ICONE26-8163 (8-14); ICONE26-8163 (8-14); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81084 (16-8); ICONE26-81438 (3-13); ICONE26-81438 (3-13); ICONE26-81558 (8-33); ICONE26-81558 (8-33); ICONE26-81558 (8-33); ICONE26-81553 (10-7); ICONE26-81593 (16-4); ICONE26-81593 (16-4); ICONE26-81593 (16-4); ICONE26-828037 (7-5); ICONE26-82803 (16-4); ICONE26-828037 (7-5); ICONE26-828037 (8-15); ICONE26-828037 (8-15); ICONE26-828037 (8-15); ICONE26-828037 (8-15); ICONE26-828037 (10-10); ICONE26-82423
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfedini, Marco Lang, Fabian Lang, Paul ICONE26-82272 (7-4 Lange, Carsten Lange, Vicky Lanin, Alexander A.	ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-82139 (6-1) ICONE26-82163 (8-14) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81089 (10-7) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-81558 (8-33) ICONE26-81558 (8-33) ICONE26-81558 (8-33) ICONE26-81559 (16-4) ICONE26-81659 (16-4) ICONE26-82634 (3-11)
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfredini, Marco Lang, Fabian Lang, Paul LoNE26-82272 (7-4 Lange, Carsten Lange, Vicky	ICONE26-82163 (8-14) ICONE26-82139 (6-1) ICONE26-82139 (6-1) ICONE26-82163 (8-14) ICONE26-82163 (8-14) ICONE26-82407 (8-12) ICONE26-81038 (10-7) ICONE26-81038 (10-7) ICONE26-81038 (10-7) ICONE26-81038 (10-7) ICONE26-81049 (9-4) ICONE26-81438 (3-13) ICONE26-81438 (3-13) ICONE26-81558 (8-33) ICONE26-81558 (8-33) ICONE26-8163 (10-7) ICONE26-8163 (10-7) ICONE26-8163 (10-7) ICONE26-82674 (15-1) ICONE26-82674 (15-1) ICONE26-82674 (15-1) ICONE26-82684 (3-11) ICONE26-82684 (3-11) ICONE26-82688 (8-15) ICONE26-82688 (8-15) ICONE26-82423 (10-10) ICONE26-81038 (8-15) ICONE26-81088
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfredini, Marco Lang, Fabian Lang, Paul Lange, Carsten Lange, Vicky Lanin, Alexander A Lao, XingSheng ICONE26-81332 (8-2	.ICONE26-82163 (8-14,ICONE26-82139 (6-1),ICONE26-81789 (1-1), ICONE26-8163 (8-14), ICONE26-8163 (8-14), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81049 (9-4), ICONE26-81049 (9-4), ICONE26-81438 (3-13), ICONE26-81558 (8-33), ICONE26-81558 (8-33), ICONE26-81610 (10-4), ICONE26-81610 (10-4), ICONE26-81610 (10-4), ICONE26-81631 (10-7), ICONE26-81633 (10-7), ICONE26-81634 (3-11), ICONE26-8280 (7-5), ICONE26-82519 (10-10), ICONE26-82138 (8-15), ICONE26-82138 (8-15), ICONE26-82138 (8-33), ICONE26-82137 (6-1),
Kulikov, Dmitry Kume, Naoto Kun, Zhang Kurdyumov, Alexandr Kurisaka, Kenichi Kurosaki, Fumio Kurwitz, Richard Cable Kwiatkowski, Tomasz Kwon, Young-Mln Kyffin, William Kymäläinen, Olli Kytömäki, Petri Labrador, Jon Lai, Ken Lam, Miu Ling Lamagnere, Pierre Lambert, Juliette Landsberger, Sheldon Lanfredini, Marco Lang, Fabian Lang, Paul Lange, Carsten Lange, Carsten Lange, Vicky Lanin, Alexander A. Lao, XingSheng ICONE26-81332 (8-2	.ICONE26-82163 (8-14,ICONE26-82139 (6-1),ICONE26-81789 (1-1), ICONE26-81789 (1-1), ICONE26-8163 (8-14), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81084 (16-8), ICONE26-81049 (9-4), ICONE26-81438 (3-13), ICONE26-81438 (3-13), ICONE26-81558 (8-33), ICONE26-816161 (12-2), ICONE26-816161 (12-2), ICONE26-81633 (10-7), ICONE26-81633 (10-7), ICONE26-81634 (3-11), ICONE26-82574 (15-1), ICONE26-82519 (16-4), ICONE26-82138 (8-33), ICONE26-82138 (8-35), ICONE26-82138 (8-35), ICONE26-82138 (8-35), ICONE26-82138 (8-35), ICONE26-82137 (6-1), ICONE26-82137 (6-1), ICONE26-82137 (6-1), ICONE26-82137 (6-1), ICONE26-821317 (6-1), I

Le Corre, Jean-Marie	ICONF26-82351 (9-11)
Le Moigne, Yann	ICONE26-82179 (9-14)
Lo Mogno, rann	ICONECO 02173 (5 14),
	ICUNEZO-62331 (9-11)
Le, B. T	ICONE26-81912 (15-5)
Le, Dan	ICONE26-82491 (8-27)
Lebarbe, Thierry	ICONE26-82337 (7-3)
Leddy, Mike	ICONE26-81311 (13-1)
Lee, Chan	
Lee, Jae BongICONE26-81458 (8-7), ICONE26-81460 (8-6)
Lee, Jeongik	ICONE26-81845 (8-35)
Lee, Jin Der	ICONE26-81230 (8-12)
Lee, Jongkuk	
Lee, Jongwoo	
Lee, Jungjoon	
Lee, Juligjoon	
	ICONE26-82692 (10-10)
Lee, Kang Heon	ICONE26-81952 (8-20)
Lee, Kevin	
Lee, Kevin	
Lee, Kwan-Hee	
Lee, Mooneon	
Lee, Sanghoon	ICONE26-82603 (7-2)
Lee, Seongki	ICONE26-81621 (2-1)
Lei, ChenICONE26-81956 (6	6-7) ICONE26-81960 (6-7)
ICONE26-82151 (6	
	10011120-82291 (10-6)
Lejeail, Yves	
Lejosne, Antoine	ICONE26-81589 (8-32)
Lekhema, Gerard Ratoka	ICONE26-82510 (14-5)
Leontiley, Kostiantyn	ICONE26-82270 (4-2)
Leonuley, Nosuantym	ICONEOR 00077 /4 4\
	ICUNE20-02377 (4-1)
Lepore, Luigi	
Leppänen, Jaakko	ICONE26-82144 (2-3),
	ICONE26-82305 (2-3)
Levers, Andrew	
Lewis, Simon	ICONE26 92609 (2 7)
Lezhnin, Sergey	ICUNE26-82163 (8-14)
Li, Bangming	ICONE26-81794 (8-31)
Li, BingICONE26-81863 (16	-11), ICONE26-81865 (6-4)
Li, Chao	ICONE26-81042 (12-1)
Li, Chao-Jen	ICONE26-81074 (6-9)
Li, Chenyue	
Li, Chuan ICONE26-81232 (3-9), ICONE26-81481 (5-5)
Li, Chunjing	ICONE26-82613 (5-4)
Li, Chunmei	
Li, Dan	
Li, Duo	1 6) ICONE26 91570 (4 1)
LI, DUU	+-0), ICONEZO-01370 (4-1),
	,
Li, Fu	
Li, Guiyong	ICONE26-82138 (7-3)
Li, Guo	ICONE26-81258 (10-9)
Li, GuogiangICONE26-81451 (6	
ICONE26-81956 (6-	
IUUNE20-01930 (0-	-7), ICUNEZO-02009 (2-11),
ICONE26-82151 (6	5-9), ICONE26-82221 (6-2),
Li, Hao	ICONE26-82494 (16-7)
Li, HongICONE26-81094 (6	
Li, Huafeng	
Li, Jian	
Li, JianghaiICONE26-82561 (
Li, Jianlong	
Li, Jianxin	ICONE26-81475 (8-6)
Li, Jiazhi	ICONF26-82205 (9-2)
Li, Jikui	
Li, Jinyang	
Li, JunICONE26-81292 (8-	
Li, Kaiwen	ICONE26-82397 (2-3)
Li, Kaiyu	
Li, Ke	
Li, LeiICONE26-81231 (8	
Li, Lei	
Li, Leihao	
Li, Li	ICONE26-81480 (1-4)
Li, Linfeng	
Li, Linsen	
Li, Longze ICONE26-81159 (13	
Li, MengICONE26-81486 (
Li, Min	ICONE26-81816 (5-5)
Li, Ming	
Li, MingzeICONE26-82135 (3-4	
Li, Peiying	
Li, PeiyueICONE26-81292 (8-	
Li, QingICONE26-81205 (2	
	. ()

	ICONE26-81562 (1-4)		ICONE26-81122 (4-5)
	ICONE26-82536 (2-6)		ICONE26-81442 (8-31)
	E26-81597 (8-30), ICONE26-81741 (3-10),		ICONE26-81450 (8-28)
	ICONE26-81790 (9-1)		ICONE26-81435 (16-16)
Li, Srierig	ICONE26-81581 (8-28) ICONE26-81435 (16-16)		ICONE26-82013 (5-6) ICONE26-81486 (4-2), ICONE26-81879 (6-1),
Li, Suriy-Suriy	0NE26-81596 (2-10), ICONE26-82244 (2-7)		ICONE26-81466 (4-2), ICONE26-82453 (8-20)
	ONE26-81936 (1-2), ICONE26-82262 (6-2)		ICONE26-81118 (8-3)
	ICONE26-81140 (2-3)		ICONE26-81552 (10-1)
	NE26-81133 (8-12), ICONE26-81301 (4-6),		ICONE26-81176 (14-2)
	ICONE26-81303 (8-12)		ICONE26-82630 (8-36)
Li, Weicai	ICONE26-82298 (2-10)		ICONE26-81665 (2-8)
	ICONE26-81118 (8-3)		ICONE26-81917 (5-3)
	E26-81596 (2-10), ICONE26-81772 (8-36),	Liu, Ling	ICONE26-81797 (1-3)
	DNE26-82052 (8-30), ICONE26-82244 (2-7)		ICONE26-81356 (2-4)
Li, Weiqing	ICONE26-82207 (8-39)		ICONE26-81272 (14-2)
Li, Wenjing	ICONE26-81032 (14-1)		ICONE26-82558 (4-1), ICONE26-82579 (13-3)
Li, WenJing	ICONE26-82095 (14-4)		ICONE26-82044 (3-11)
			ICONE26-81122 (4-5)
	ONE26-81232 (3-9), ICONE26-81701 (3-3), ICONE26-82581 (10-1)		ONE26-82204 (8-30), ICONE26-82254 (8-29),
	CONE26-81067 (6-8), ICONE26-81068 (6-8)		ICONE26-82630 (8-36)
	ONE26-81584 (1-5), ICONE26-81829 (4-6),	Liu, Qian	ICONE26-81569 (9-11)
	ICONE26-82473 (6-6)		.ICONE26-81012 (8-2), ICONE26-81214 (3-6),
	ICONE26-82125 (2-7)		CONE26-81281 (3-6), ICONE26-81299 (9-12),
	ICONE26-81722 (9-14)		
	ICONE26-82352 (2-1)		ICONE26-81397 (11-4) ICONE26-81714 (4-6)
,	ICONE26-82037 (8-3)		ICONE26-81714 (4-6)
	ICONE26-82448 (6-5)		ICUNE26-81391 (16-14),
Li, Xiyun	ICONE26-81163 (4-5)		ICONE26-81237 (2-11)
Li, YabingICON	NE26-81249 (15-3), ICONE26-82402 (9-14)		ICONE26-81042 (12-1)
	ICONE26-81559 (8-23)		ICONE26-81450 (8-28)
Li, Yaodong	ICONE26-81140 (2-3)		ICONE26-82397 (2-3)
	ICONE26-82372 (6-2)		.ICONE26-81342 (9-1), ICONE26-81537 (9-1)
	CONE26-81392 (2-7), ICONE26-81520 (6-9)		ICONE26-81816 (5-5), ICONE26-81970 (9-8)
	NE26-82034 (14-4), ICONE26-82568 (3-9),		ICONE26-82157 (14-5)
1: // 10:	ICONE26-82615 (3-10)	Liu, Tong	.ICONE26-81384 (2-6), ICONE26-82191 (2-6),
	ONE26-81573 (9-3), ICONE26-81790 (9-1),		ICONE26-82536 (2-6)
	ICONE26-81794 (8-31) ICONE26-81266 (8-2)		ICONE26-81055 (2-4)
	ICONE26-81200 (6-2)		ICONE26-82026 (10-1)
	ICONE26-82191 (2-6)		ICONE26-81174 (2-11)
	DNE26-81117 (7-5), ICONE26-82008 (2-12)		ICONE26-81714 (4-6)
	ONE26-81214 (3-6), ICONE26-81281 (3-6),		.ICONE26-81293 (3-8), ICONE26-81304 (3-8),
	ICONE26-81475 (8-6)		ICONE26-81336 (6-5)
Li, Zhigang	ICONE26-81442 (8-31)		ICONE26-81094 (6-4), ICONE26-81285 (6-6),
Li, Zhijun	ICONE26-81857 (3-11)		ICONE26-81378 (6-7), ICONE26-81941 (10-7)
	NE26-81863 (16-11), ICONE26-81865 (6-4)		ONE26-81834 (8-36), ICONE26-81992 (8-21), ICONE26-82052 (8-30)
Li, Ziqiang	ICONE26-81174 (2-11)		ICONE26-82325 (8-27)
	ONE26-82151 (6-9), ICONE26-82221 (6-2),		ICONE26-82323 (0-27)
	ICONE26-82291 (10-6)		CONE26-81992 (8-21), ICONE26-82052 (8-30)
	ICONE26-81163 (4-5)		ICONE26-81254 (5-2), ICONE26-82056 (10-6)
	ICONE26-82156 (16-6)		ICONE26-81299 (9-12), ICONE26-81647 (4-6)
	ICONE26-81370 (8-19) ICONE26-81507 (2-4)	, 0	ICONE26-82013 (5-6)
	CONE26-81250 (4-5), ICONE26-81691 (6-6)		ICONE26-82308 (3-4)
	ICONE26-82222 (8-9)	Liu, Yong	.ICONE26-81332 (8-2), ICONE26-81938 (3-3),
	ICONE26-81268 (6-4)		ICONE26-82137 (6-1), ICONE26-82180 (3-7),
	ICONE26-82119 (5-5)		ICONE26-82231 (13-2)
	ICONE26-81441 (15-3)		ICONE26-82138 (7-3)
Liao, Jun	ICONE26-82610 (15-2)		ICONE26-81714 (4-6)
	ONE26-81266 (8-2), ICONE26-81332 (8-2),	,	ICONE26-81356 (2-4), ICONE26-82031 (8-35)
ICON	E26-81597 (8-30), ICONE26-81741 (3-10),		ICONE26-82595 (3-12)
	ICONE26-82231 (13-2)		ICONE26-81094 (6-4)
	ICONE26-81271 (13-4)		
	NE26-81191 (9-10), ICONE26-81196 (2-7),		.ICONE26-81486 (4-2), ICONE26-81879 (6-1),
	DNE26-82219 (6-5), ICONE26-82239 (13-4)		
	ICONE26-81787 (9-6)		ICONE26-81168 (8-7), ICONE26-81225 (8-21) ICONE26-81640 (3-7)
	ICONE26-82313 (14-5)		ICUNE26-81640 (3-7)
Lillington, John	ICONE26-81090 (2-4) ICONE26-81880 (6-5)		ICONE26-81267 (3-8), ICONE26-82231 (13-2)
	ICUNE26-81880 (6-5)		ICONE26-81507 (3-6), ICONE26-81507 (2-4)
			ICONE26-82020 (8-19)
Lin Yuansheng			ICONE26-81550 (13-1)
	ICONF26-81230 (8-12)		CONE26-82378 (5-7), ICONE26-82550 (16-1),
Lin, Yuh-Ger	ICONE26-81230 (8-12)	Lo Frano, Rosa I	
Lin, Yuh-Ger Lind, Terttaliisa	ICONE26-82227 (8-20)		ICONE26-82598 (5-4)
Lin, Yuh-Ger Lind, Terttaliisa Lindley, BenICC	· · ·		
Lin, Yuh-Ger Lind, Terttaliisa Lindley, BenICC Lippmann, Wolfgang	ICONE26-82227 (8-20) DNE26-81090 (2-4), ICONE26-81311 (13-1)	Lobanov, Pavel	ICONE26-82598 (5-4)
Lin, Yuh-Ger Lind, Terttaliisa Lindley, BenICC Lippmann, Wolfgang Liqiang, Hu	ICONE26-82227 (8-20) DNE26-81090 (2-4), ICONE26-81311 (13-1) ICONE26-81578 (16-10)	Lobanov, Pavel	ICONE26-82598 (5-4) ICONE26-82163 (8-14),
Lin, Yuh-Ger	ICONE26-82227 (8-20) NE26-81090 (2-4), ICONE26-81311 (13-1) ICONE26-81578 (16-10) ICONE26-82182 (8-9)	Lobanov, Pavel Locatelli, Giorgio	ICONE26-82598 (5-4) ICONE26-82163 (8-14), ICONE26-82407 (8-12)
Lin, Yuh-Ger Lind, Terttaliisa Lindley, BenICC Lippmann, Wolfgang Liqiang, Hu Litskevich, Dzianis	ICONE26-82227 (8-20) NE26-81090 (2-4), ICONE26-81311 (13-1) ICONE26-81578 (16-10) ICONE26-82182 (8-9) ICONE26-81090 (2-4),	Lobanov, Pavel Locatelli, Giorgio Logtenberg, Dere	ICONE26-82598 (5-4) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-81428 (10-3), ICONE26-81604 (13-1) k ICONE26-81461 (16-12)
Lin, Yuh-Ger Lind, Terttallisa Lindley, Ben ICC Lippmann, Wolfgang Liqiang, Hu Litskevich, Dzianis Liu, Bing	ICONE26-82227 (8-20) INE26-81090 (2-4), ICONE26-81311 (13-1) ICONE26-81578 (16-10) ICONE26-82182 (8-9) ICONE26-81090 (2-4), ICONE26-82170 (5-7), ICONE26-82210 (9-9) ICONE26-81174 (2-11)	Lobanov, Pavel Locatelli, Giorgio Logtenberg, Dere Long, Pengcheng	ICONE26-82598 (5-4) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-81428 (10-3), ICONE26-814604 (13-1) k ICONE26-81461 (16-12) ICONE26-82624 (7-5)
Lin, Yuh-Ger	ICONE26-82227 (8-20) DNE26-81090 (2-4), ICONE26-81311 (13-1) ICONE26-81578 (16-10) ICONE26-82182 (8-9) ICONE26-81090 (2-4), ICONE26-82170 (5-7), ICONE26-82210 (9-9)	Lobanov, Pavel Locatelli, Giorgio Logtenberg, Dere Long, Pengcheng Long, Yun	ICONE26-82598 (5-4) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-81428 (10-3), ICONE26-81604 (13-1) k ICONE26-81461 (16-12)

	ICONE26-81122 (4- ICONE26-81442 (8-3
	ICONE26-81442 (6-3
Liu, Guarigxu	IOUNE20-01430 (0-2
Liu, Hang	ICONE26-81435 (16-1
Liu, Hongtao	ICONE26-82013 (5-
	ICONE26-81486 (4-2), ICONE26-81879 (6-
	ICONE26-82453 (8-2
Liu, Jiaqing	ICONE26-81118 (8-
Liu, Jie	ICONE26-81552 (10-
Liu. Jinlin	ICONE26-81176 (14-
	ICONE26-82630 (8-3
	ICONE26-81665 (2-
	ICONE26-81917 (5-
Liu, Lina	ICONE26-81797 (1-
Liu, Liliy	
	ICONE26-81356 (2-
	ICONE26-81272 (14-
	ICONE26-82558 (4-1), ICONE26-82579 (13-
Liu, Min	ICONE26-82044 (3-1
Liu, Peibang	ICONE26-81122 (4-
	ICONE26-82204 (8-30), ICONE26-82254 (8-2)
,	ICONE26-82630 (8-3
	ICONE26-81569 (9-1
	ICONE26-81012 (8-2), ICONE26-81214 (3-
	ICONE26-81281 (3-6), ICONE26-81299 (9-1:
	ICONE26-81475 (8-
Liu, Qianwen	ICONE26-81397 (11-
Liu, Qiaofen	ICONE26-81714 (4-
Liu, Qiushena .	ICONE26-81391 (16-1-
	ICONE26-81966 (8-1
	ICONE26-81237 (2-1
	ICONE26-81042 (12-
Liu, nullolly	
Liu, Snengnui.	ICONE26-81450 (8-2
	ICONE26-82397 (2-
	ICONE26-81342 (9-1), ICONE26-81537 (9-
Liu, Songlin	ICONE26-81816 (5-5), ICONE26-81970 (9-
Liu, Tao	ICONE26-82157 (14-
Liu Tona	ICONE26-81384 (2-6), ICONE26-82191 (2-
,	ICONE26-82536 (2-
	ICONE26-81055 (2-
	ICONE26-82026 (10-
	ICONE26-81174 (2-1
Liu, Xichao	ICONE26-81714 (4-
Liu, Xingnan	ICONE26-81293 (3-8), ICONE26-81304 (3-
	ICONE26-81336 (6-
	ICONE26-81094 (6-4), ICONE26-81285 (6-
	ICONE26-81378 (6-7), ICONE26-81941 (10-
Liu, Yang	ICONE26-81834 (8-36), ICONE26-81992 (8-2
	ICONE26-82052 (8-3
iu Yanni	ICONE26-82325 (8-2
	ICONE26-81709 (2-
iu Vefei	ICONE26-81992 (8-21), ICONE26-82052 (8-3
iu Viboo	ICONE26-81254 (5-2), ICONE26-82056 (10-
Liu, Yibao	ICUNE20-01204 (0-2), ICUNE20-02000 (10-
Liu, Ying	ICONE26-81299 (9-12), ICONE26-81647 (4-
	ICONE26-82013 (5-
	ICONE26-82308 (3-
Liu, Yong	ICONE26-81332 (8-2), ICONE26-81938 (3-
	ICONE26-82137 (6-1), ICONE26-82180 (3-
	ICONE26-82231 (13-
	ICONE26-82138 (7-
	ICONE26-81714 (4-
	ICONE26-81356 (2-4), ICONE26-82031 (8-3
	ICONE26-82595 (3-1
	ICONE26-81094 (6-
iu, Zhaoheng.	ICONE26-81370 (8-1
iu. 7haohui	ICONE26-81486 (4-2), ICONE26-81879 (6-
	ICONE26-82453 (8-2
	ICONE26-81168 (8-7), ICONE26-81225 (8-2
iu, Zhenebun	IOONE20-01100 (0-7), IOONE20-01223 (0-2
	ICONE26-81640 (3-
	ICONE26-82445 (13-
Liu, Zhouyang.	ICONE26-81267 (3-8), ICONE26-82231 (13-
Liu, Zhouyu	ICONE26-81507 (2-
Liu, Zhuo	ICONE26-82020 (8-1
	ICONE26-81550 (13-
o Frano. Rosa	ICONE26-82378 (5-7), ICONE26-82550 (16-
	ICONE26-82598 (5-
	ICONE26-82163 (8-1
	ICONE26-82407 (8-1
	oICONE26-81428 (10-
	ICONE26-81604 (13-
agtophora Da	rekICONE26-81461 (16-1
Logienberg, De	
	ngICONE26-82624 (7-
ong, Pengcher	
Long, Pengcher Long, Yun	ngICONE26-82624 (7-

Lorenzi, Stefano	ICONE26-82339 (8-39).
*	ICONE26-82507 (8-24)
Lorusso, Pierdomenico	
,	ICONE26-81824 (8-36)
Lou, Mengqi	
Lou, Xinxin	
Louie, David L.Y. ICONE26-81097	(6-1), ICONE26-81440 (8-4),
	ICONE26-82415 (8-7)
Lu, Cheng	ICONE26-81811 (13-6)
Lu, Daogang ICONE26-82518 (8	
ICONE26-82596	(8-23), ICONE26-82605 (9-7)
Lu, Huiju	
Lu, Kun	ICONE26-82657 (5-1)
Lu, Meng	ICONE26-81416 (8-33)
Lu, Wei	ICONE26-81722 (9-14)
Lu, Wei	
Lu, Xia	ICONE26-82630 (8-36)
Lu, Yuan	
Lu, Zhanpeng	
Lu, ZhiweiICONE26-82191	
Lu, Zongjian	
Luan, Xiu Chun	
Lubchenko, Nazar	
Lucas, DirkICONE26-81787	
Luk, B.L.	
Luo, Run	
Luo, Simin ICONE26-81367 (
Luo, Wenhua	
Luppichini, Matteo	
Lv, Lianxin	
Lv, Xi	
Lv, Xuefeng	
Lv, Yufeng	
Lydell, Bengt	
Lyu, Wenyu	ICUNE26-82361 (10-9)
M	
M.Ahmed. Nisrene	ICONF26-82212 (15-2)

M.Ahmed, Nisrene	ICONE26-82212 (15-2)
Ma, Anping	
Ma, CanICONE26-81267	(3-8), ICONE26-81573 (9-3),
ICONE26-81938	
ICONE26-82183 (8-	
Ma, Haifu	
Ma, Mingwang ICONE26-81579 (2	2-8) ICONE26-82271 (3-13)
Ma, Qian	
Ma, Qianchao	
Ma, Xizhen ICONE26-81292 (8-	
Ma, XuebinICONE26-81816	
Ma, Yanhui	
Ma, Yingfei ICONE26-82472 (14	IUUNEZU-02347 (10-22)
ivia, filigiei ICUNEZO-62472 (14	1-0), IUUNEZO-02003 (14-0),
Ma, Zehua	
Ma, ZhaodandanICONE26-82191	
MacConnachie, Liz	
Machida, Hideo	ICUNE26-82619 (3-7)
Machida, Shinichi	ICUNE26-81638 (8-13)
Machrafi, Rachid	
Magolan, Ben	ICONE26-82436 (9-6)
Mahdi, Mohammed	ICONE26-81608 (16-18),
	ICONE26-81618 (16-15)
Mahler, Chris	
Mahmood, Fiaz	
Makarashvili, Vakhtang	
Maldonado, Guillermo	
Malquori, Stefano	ICONE26-82598 (5-4)
Manera, Annalisa	ICONE26-82431 (16-10)
Manthey, René	ICONE26-81238 (8-15)
Mao, Cui	ICONE26-81254 (5-2)
Mao, XiDao	ICONE26-81834 (8-36)
Mao, Yawei	ICONE26-81094 (6-4)
Marciniak, Mateusz	ICONE26-82425 (8-29)
Marcinkiewicz, Jerzy.	
Marinari, Ranieri ICONE26-81216	
marinar, riamoniooneeo oreio	ICONF26-82379 (8-29)
Marrocco, Gaetano	ICONF26-82290 (4-5)
Martelli, Daniele	
Waltell, Dalliele	
Martineau, Richard	IOUNLZU-02009 (0-20)
Maruyama, Daiki	
Marzulla, Demania	
Marzullo, Domenico	
Masayoshi, Uno	IUUNE26-82233 (6-10)

Masbou, Corentin	ICONE26-82588 (9-2)
Maskrot, Hicham	ICONE26-81853 (10-7),
Masu, Akihiko	
Matsubara, Masaaki	
Matsuda, Hiroki Matsukura, Minoru	ICONE26-81338 (10-7)
Matsumoto, Keiji	
Matsumoto, Naomi	
Matsunaka, Shuhei	
Matsuzaki, Kenji	
Mauritzson, David	
Maximkin, Alexander I.	ICONE26-82387 (2-1)
Mazed, Dahmane	
Mazzini, Guido	ICONE26-82607 (16-7)
McFerran, Noah	ICONE26-81464 (16-10)
McIntosh, Jordan	ICONE26-82696 (8-7)
Medlock, Chris	
ICONE26-82709 (
Medvedev, Pavel G.	ICONF26-82437 (2-1)
Meena, Monika	ICONE26-82211 (8-30)
Memmott, Matthew J.	ICONE26-81896 (11-1),
Meng, Daqiao	
Meng, Dongyuan	
ICONE26-81956 (6-	
ICONE26-82151 (
	ICONE26-82291 (10-6)
Meng, TaoICONE26-81225 (8-2	21), ICONE26-81226 (16-1)
Meng, Zhaocan ICONE26-81271 (1	
Meng, Zhaoming	ICONE26-81118 (8-3),
Mengmeng, Liu	
Mercatali, LuigiICONE26-81711 (2	
Merk, BrunoICONE26-81090 (2	2-4), ICONE26-82170 (5-7),
	ICONE26-82210 (9-9)
	0 0 1001/500 01000 (0 0)
Merzari, Elia ICONE26-81884 (16	6-8), ICONE26-81892 (9-3),
Merzari, EliaICONE26-81884 (16ICONE26-81910 (9	6-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8),
Merzari, Elia ICONE26-81884 (16	6-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9 ICONE26-824	6-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82672 (9-3) ICONE26-82456 (8-31)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P. Mi, Zhengpeng.	6-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82672 (9-3) ICONE26-82456 (8-31) ICONE26-81526 (16-17)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino	5-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82456 (8-31), .ICONE26-81526 (16-17), .ICONE26-81526 (16-17), ICONE26-82390 (1-5)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino. Mignacca, Benito.	5-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82672 (9-3) .ICONE26-82456 (8-31) .ICONE26-81526 (16-17) ICONE26-82390 (1-5) ICONE26-81604 (13-1)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino	6-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), .7), ICONE26-82486 (9-11), .ICONE26-82672 (9-3) .ICONE26-81526 (16-17) .ICONE26-81526 (16-17) .ICONE26-81604 (13-1) .ICONE26-81072 (3-12) .ICONE26-81083 (8-33) .ICONE26-81083 (8-33)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), . ICONE26-82672 (9-3) . ICONE26-82456 (8-31) . ICONE26-81526 (16-17) . ICONE26-81390 (1-5) . ICONE26-81604 (13-1) . ICONE26-81072 (3-12) . ICONE26-81083 (8-33) . ICONE26-82560 (1-2) . ICONE26-82560 (1-2)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P. Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori. Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata. Mikityuk, Konstantin	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82832 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82672 (9-3), ICONE26-82456 (8-31), ICONE26-81526 (16-17), ICONE26-81604 (13-1), ICONE26-81604 (13-1), ICONE26-81083 (8-33), ICONE26-81083 (8-33), ICONE26-82500 (1-2), ICONE26-82177 (3-6), ICONE26-81445 (16-4),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P. Mi, Zhengpeng Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata. Mikityuk, Konstantin ICONE26-81574 (2-	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (8 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori. Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew	5-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), 17), ICONE26-82382 (9-8), 17), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81077 (3-6) ICONE26-81415 (16-4), ICONE26-81445 (16-4), ICONE26-82425 (8-29)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-82418 (9- Meyer, Josua P. Mi, Zhengpeng Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata. Mikityuk, Konstantin ICONE26-81574 (2-	5-8), ICONE26-81892 (9-3), 9-2), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-8104 (13-1) ICONE26-81072 (3-12) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-82506 (1-2) ICONE26-81445 (16-4), 10), ICONE26-82260 (15-3) ICONE26-82425 (8-29) ICONE26-81338 (10-7) ICONE26-82515 (8-16) ICONE26-82230 (4-2)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), . ICONE26-82486 (9-11), . ICONE26-82456 (8-31) . ICONE26-81526 (16-17) . ICONE26-81526 (16-17) . ICONE26-81604 (13-1) . ICONE26-81604 (13-1) . ICONE26-81083 (8-33) . ICONE26-81083 (8-33) . ICONE26-82560 (1-2) . ICONE26-82477 (3-6) . ICONE26-82450 (15-3) . ICONE26-82450 (15-3) . ICONE26-82455 (8-29) . ICONE26-824515 (8-16) . ICONE26-82230 (4-2) . ICONE26-82433 (4-2) . ICONE26-81442 (8-31)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (8 ICONE26-81910 (9 Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang.	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori. Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata. Mikityuk, Konstantin. ICONE26-81574 (2- Mills, Andrew. Mimura, Hitoshi. Minenaga, Atsuyuki. Ming, Jia. Ming, Pingzhou. Ming, Yang. Minuchehr, A.	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81073 (3-3) ICONE26-81073 (3-3) ICONE26-8145 (16-4), ICONE26-8145 (16-4), ICONE26-81338 (10-7) ICONE26-82455 (8-29) ICONE26-81338 (10-7) ICONE26-82530 (4-2) ICONE26-81442 (8-31) ICONE26-82639 (4-2) ICONE26-82639 (4-2) ICONE26-82639 (4-2)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignaca, Benito. Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81073 (3-12) ICONE26-81073 (3-3) ICONE26-81445 (16-4), ICONE26-81445 (16-4), ICONE26-81338 (10-7) ICONE26-82455 (8-29) ICONE26-81338 (10-7) ICONE26-82515 (8-16) ICONE26-81442 (8-31) ICONE26-82530 (4-2) ICONE26-82539 (4-2)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori. Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata. Mikityuk, Konstantin. ICONE26-81574 (2- Mills, Andrew. Mimura, Hitoshi. Minenaga, Atsuyuki. Ming, Jia. Ming, Pingzhou. Ming, Yang. Minuchehr, A.	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82486 (9-11), ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81092 (3-12), ICONE26-81092 (3-12), ICONE26-81083 (8-33), ICONE26-81083 (8-33), ICONE26-81445 (16-4), ICONE26-82500 (15-3), ICONE26-81445 (16-4), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-81442 (8-31), ICONE26-82539 (4-2), ICONE26-82539 (16-7), ICONE26-81901 (7-4), ICONE26-81901 (7-5), ICONE26-81900 (7-5),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas.	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81604 (13-1) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-82560 (1-2) ICONE26-82560 (1-2) ICONE26-82560 (15-3) ICONE26-82560 (15-3) ICONE26-82515 (8-16) ICONE26-82515 (8-16) ICONE26-82532 (16-7) ICONE26-82532 (16-7) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-5) ICONE26-81905 (7-2) ICONE26-81905 (7-2) ICONE26-81905 (7-2) ICONE26-82708 (10-10)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81073 (8-33) ICONE26-82560 (1-2) ICONE26-8145 (16-4), ICONE26-82450 (15-3) ICONE26-81338 (10-7) ICONE26-82455 (8-29) ICONE26-81338 (10-7) ICONE26-82530 (4-2) ICONE26-81442 (8-31) ICONE26-82532 (16-7) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-7), ICONE26-81905 (7-2) ICONE26-82708 (10-10) ICONE26-82708 (10-10)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (\$ ICONE26-82418 (9-10) ICONE26-82418 (9-10) ICONE26-82418 (9-10) ICONE26-82418 (9-10) ICONE26-81904 (9-10) ICONE26-81574 (9-10) ICONE26-81970 (9-10) ICONE26-81	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81073 (8-33) ICONE26-82560 (1-2) ICONE26-8145 (16-4), ICONE26-82450 (15-3) ICONE26-81338 (10-7) ICONE26-82455 (8-29) ICONE26-81338 (10-7) ICONE26-82530 (4-2) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-82532 (16-7) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-5), 7-1), ICONE26-81708 (10-10) ICONE26-81186 (9-3) ICONE26-81288 (16-16),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E Miki, Masahiro Mikhailov, Vladimir E Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81604 (13-1), ICONE26-81072 (3-12), ICONE26-81083 (8-33), ICONE26-81083 (8-33), ICONE26-8145 (16-4), ICONE26-82560 (1-2), ICONE26-81445 (16-4), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82530 (4-2), ICONE26-81442 (8-31), ICONE26-82530 (4-2), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2), ICONE26-81905 (7-2), ICONE26-81186 (9-3), ICONE26-81788 (10-16), ICONE26-81788 (10-16), ICONE26-81788 (10-16), ICONE26-81788 (10-16), ICONE26-81788 (10-16), ICONE26-81788 (16-16), ICONE26-81885 (8-21)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito. Mihara, Yoshinori. Mikhailov, Vladimir E. Miki, Masahiro. Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew. Mimura, Hitoshi. Minenaga, Atsuyuki. Ming, Jia Ming, Pingzhou. Ming, Yang. Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas. Mitra-Majumdar, Debabrata. Miwa, Shuichiro. Miyadera, Haruo.	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81030 (1-5), ICONE26-81072 (3-12), ICONE26-81072 (3-12), ICONE26-81033 (8-33), ICONE26-82500 (1-2), ICONE26-82177 (3-6), ICONE26-82500 (15-3), ICONE26-82177 (3-6), ICONE26-81445 (16-4), IO, ICONE26-82500 (15-3), ICONE26-81338 (10-7), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-81442 (8-31), ICONE26-82530 (4-2), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2), ICONE26-81186 (9-3), ICONE26-81288 (16-10), ICONE26-812585 (8-21), ICONE26-812585 (8-21), ICONE26-825358 (8-11), ICONE26-812585 (8-21), ICONE26-825385 (8-21), ICONE26-82139 (6-1),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E Miki, Masahiro Mikhailov, Vladimir E Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81033 (8-33) ICONE26-81033 (8-33) ICONE26-81033 (8-33) ICONE26-82560 (1-2) ICONE26-81445 (16-4), 10), ICONE26-82560 (15-3) ICONE26-82545 (8-29) ICONE26-81338 (10-7) ICONE26-82515 (8-16) ICONE26-82515 (8-16) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-81902 (7-5), -7-1), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81708 (10-10) ICONE26-81708 (10-10) ICONE26-81708 (10-10) ICONE26-81708 (16-16), ICONE26-82139 (6-1) ICONE26-82139 (6-1) ICONE26-81398 (16-16), ICONE26-82139 (6-1) ICONE26-82139 (6-1) ICONE26-82139 (6-1)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyozaki, Katsumasa Miyoshi, Ryohei	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81073 (8-33) ICONE26-81073 (8-33) ICONE26-82560 (1-2) ICONE26-81445 (16-4), 10), ICONE26-82426 (15-3) ICONE26-81444 (16-4), ICONE26-82515 (8-16) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-7-1), ICONE26-81905 (7-2) ICONE26-81186 (9-3) ICONE26-817 (3-6) ICONE26-81389 (16-16), ICONE26-81389 (6-1) ICONE26-81399 (6-1) ICONE26-81399 (6-1) ICONE26-81399 (6-1) ICONE26-82572 (10-3) ICONE26-82517 (3-6) ICONE26-82517 (3-6) ICONE26-826572 (10-3)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (9 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mikhailov, Vladimir E Miki, Masahiro Mikhailov, Vladimir E Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyazaki, Katsumasa Miyoshi, Ryohei Mo, Zeyao	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81083 (8-33) ICONE26-82560 (1-2) ICONE26-81445 (16-4), 10), ICONE26-82426 (8-29) ICONE26-81444 (16-4), ICONE26-82515 (8-16) ICONE26-81442 (8-31) ICONE26-8230 (4-2) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2) ICONE26-81705 (10-10) ICONE26-81705 (6-1) ICONE26-81239 (6-1) ICONE26-82552 (15-2) ICONE26-82552 (15-2)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (9 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 1CONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81604 (13-1), ICONE26-81072 (3-12), ICONE26-81038 (8-33), ICONE26-81073 (8-33), ICONE26-82560 (1-2), ICONE26-81445 (16-4), ICONE26-82560 (15-3), ICONE26-81338 (10-7), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82532 (16-7), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2), ICONE26-81905 (7-2), ICONE26-81905 (7-2), ICONE26-81905 (7-2), ICONE26-8177 (3-6), ICONE26-82585 (8-21), ICONE26-82177 (3-6), ICONE26-82572 (10-3), ICONE26-82572 (10-3), ICONE26-82572 (10-3), ICONE26-82572 (10-3), ICONE26-825572 (10-3), ICONE26-821673 (16-17), ICONE26-81673 (16-17)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyazaki, Katsumasa Miyoshi, Ryohei Mo, Zeyao. Modak, Mayank Modarres, Mohammad	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81604 (13-1) ICONE26-81604 (13-1) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-82560 (1-2) ICONE26-81445 (16-4), 10), ICONE26-82560 (15-2) ICONE26-81338 (10-7) ICONE26-81338 (10-7) ICONE26-82515 (8-16) ICONE26-82515 (8-16) ICONE26-82515 (8-16) ICONE26-82515 (8-16) ICONE26-81442 (8-31) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81108 (19-3) ICONE26-81108 (10-10) ICONE26-81288 (16-16), ICONE26-82585 (8-21) ICONE26-82519 (6-1) ICONE26-82519 (10-10) ICONE26-82519 (6-1) ICONE26-82519 (6-1) ICONE26-82519 (10-1) ICONE26-82519 (10-1) ICONE26-82519 (10-1) ICONE26-82519 (10-1) ICONE26-82519 (10-1) ICONE26-81673 (16-17) ICONE26-81673 (16-17) ICONE26-81673 (16-17) ICONE26-81673 (16-17) ICONE26-81130 (14-2)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9) Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyoshi, Ryohei Mo, Zeyao Modak, Mayank Modarres, Mohammad Mohamud, Nuh	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), -7), ICONE26-82382 (9-8), -7), ICONE26-82486 (9-11), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-82560 (1-2) ICONE26-81445 (16-4), 10), ICONE26-82560 (15-3) ICONE26-82560 (15-3) ICONE26-825515 (8-16) ICONE26-825515 (8-16) ICONE26-825515 (8-16) ICONE26-82517 (10-3) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81288 (10-10) ICONE26-81288 (16-10), ICONE26-81288 (16-10), ICONE26-82539 (4-2) ICONE26-81289 (16-10) ICONE26-81708 (10-10) ICONE26-81708 (10-10) ICONE26-81708 (10-10) ICONE26-82585 (8-21) ICONE26-8177 (3-6) ICONE26-81673 (16-17) ICONE26-818130 (14-2) ICONE26-81130 (14-2) ICONE26-81130 (14-2) ICONE26-81130 (14-2) ICONE26-81130 (14-2) ICONE26-82045 (7-4)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (8 ICONE26-81910 (9 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyazaki, Katsumasa Miyazaki, Katsumasa Miyazaki, Katsumasa Miyazaki, Katsumasa Miyazaki, Katsumasa Miyazaki, Katsumasa Miyazaki, Ryohei Mo, Zeyao Modak, Mayank Modarres, Mohammad Mohamud, Nuh Moisseytsev, Anton	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81083 (8-33) ICONE26-81083 (8-33) ICONE26-81445 (16-4), 10), ICONE26-82426 (15-3) ICONE26-81444 (16-4), ICONE26-82425 (8-29) ICONE26-81444 (8-31) ICONE26-82530 (4-2) ICONE26-81442 (8-31) ICONE26-81442 (8-31) ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2) ICONE26-81905 (7-2) ICONE26-81186 (9-3) ICONE26-8149 (10-10) ICONE26-81490 (6-1) ICONE26-81490 (6-1) ICONE26-81490 (6-1) ICONE26-81490 (6-1) ICONE26-8157 (3-6) ICONE26-8157 (3-6) ICONE26-82552 (15-2) ICONE26-81130 (14-2) ICONE26-81130 (14-2) ICONE26-82925 (13-5) ICONE26-82929 (13-5), ICONE26-82929 (13-5), ICONE26-82929 (13-5), ICONE26-82295 (13-5)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-81910 (9 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyazaki, Katsumasa Miyasaki, Katsumasa	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 1CONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81604 (13-1), ICONE26-81072 (3-12), ICONE26-81033 (8-33), ICONE26-81038 (8-33), ICONE26-81445 (16-4), ICONE26-82560 (1-2), ICONE26-81444 (16-4), ICONE26-82425 (8-29), ICONE26-81338 (10-7), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-81442 (8-31), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2), ICONE26-81905 (7-2), ICONE26-818186 (9-3), ICONE26-818186 (9-3), ICONE26-82708 (10-10), ICONE26-82139 (6-1), ICONE26-82139 (6-1), ICONE26-82139 (6-1), ICONE26-82552 (15-2), ICONE26-8166 (6-4), ICONE26-8173 (16-17), ICONE26-82192 (13-5), ICONE26-82292 (13-5), ICONE26-82292 (13-5), ICONE26-82293 (13-5), ICONE26-81690 (8-4)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-81910 (9 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mijanacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyagi, Tsukasa Miyazaki, Katsumasa Miyashi, Ryohei Mo, Zeyao Modak, Mayank Modarres, Mohammad Mohamud, Nuh Moisseytsev, Anton Monji, Hideaki Moody, Frederick J	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 1CONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81030 (1-5), ICONE26-81072 (3-12), ICONE26-81033 (8-33), ICONE26-81033 (8-33), ICONE26-81445 (16-4), ICONE26-82560 (15-3), ICONE26-81445 (16-4), ICONE26-82515 (8-16), ICONE26-8230 (4-2), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82530 (4-2), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2), ICONE26-81905 (10-3), ICONE26-81905 (10-3), ICONE26-81130 (14-2), ICONE26-81130 (14-2), ICONE26-81690 (8-4), ICONE26-81690 (8-4), ICONE26-81003 (1-1)
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (5 ICONE26-81910 (5 ICONE26-82418 (9) Meyer, Josua P Mi, Zhengpeng. Micciché, Gioacchino. Mignacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E. Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyadera, Haruo Miyagi, Tsukasa Miyazaki, Katsumasa Miyazaki, Katsumasa Miyoshi, Ryohei Mo, Zeyao. Modak, Mayank Modarres, Mohammad Mohamud, Nuh Moisseytsev, Anton Monji, Hideaki Moody, Frederick J Moon, Je-Young	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81526 (16-17), ICONE26-81030 (1-5), ICONE26-81030 (8-33), ICONE26-81033 (8-33), ICONE26-82560 (1-2), ICONE26-81445 (16-4), ICONE26-82560 (15-3), ICONE26-82560 (15-3), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (8-16), ICONE26-82515 (16-7), ICONE26-81442 (8-31), ICONE26-81442 (8-31), ICONE26-81442 (8-31), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81901 (7-4), ICONE26-81905 (7-2), ICONE26-81186 (9-3), ICONE26-81890 (10-10), ICONE26-8188 (16-16), ICONE26-81258 (8-21), ICONE26-82139 (6-1), ICONE26-82139 (6-1), ICONE26-82139 (6-1), ICONE26-82139 (6-1), ICONE26-82139 (6-1), ICONE26-81130 (14-2), ICONE26-81130 (14-2), ICONE26-81130 (14-2), ICONE26-81130 (14-2), ICONE26-81003 (1-1), ICONE26-82028 (11-3),
Merzari, Elia ICONE26-81884 (16 ICONE26-81910 (6 ICONE26-81910 (9 ICONE26-82418 (9- Meyer, Josua P Mi, Zhengpeng Micciché, Gioacchino Mijanacca, Benito Mihara, Yoshinori Mikhailov, Vladimir E Miki, Masahiro Mikimasa, Iwata Mikityuk, Konstantin ICONE26-81574 (2- Mills, Andrew Mimura, Hitoshi Minenaga, Atsuyuki Ming, Jia Ming, Pingzhou Ming, Yang Minuchehr, A. Miranda, Samuel ICONE26-81904 (Mistry, Aujas Mitra-Majumdar, Debabrata Miwa, Shuichiro Miyagi, Tsukasa Miyazaki, Katsumasa Miyashi, Ryohei Mo, Zeyao Modak, Mayank Modarres, Mohammad Mohamud, Nuh Moisseytsev, Anton Monji, Hideaki Moody, Frederick J	5-8), ICONE26-81892 (9-3), 3-2), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82382 (9-8), 7), ICONE26-82486 (9-11), ICONE26-82456 (8-31) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81526 (16-17) ICONE26-81604 (13-1) ICONE26-81072 (3-12) ICONE26-81072 (3-12) ICONE26-81073 (8-33) ICONE26-81073 (8-33) ICONE26-81445 (16-4), ICONE26-82450 (15-3) ICONE26-81338 (10-7) ICONE26-82450 (8-29) ICONE26-81338 (10-7) ICONE26-82530 (4-2) ICONE26-81442 (8-31) ICONE26-82532 (16-7) ICONE26-81901 (7-4), ICONE26-81901 (7-1) ICONE26-81708 (10-10) ICONE26-82595 (15-2) ICONE26-82695 (16-7) ICONE26-82695 (15-2) ICONE26-82929 (13-5), ICONE26-82095 (13-5) ICONE26-81003 (1-1) ICONE26-81003 (1-1) ICONE26-82082 (11-3)

Morgan, Sarah	ICONE26-82364 (16-17)
Mori, Masaji	ICONE26-81468 (2-8)
Moribe, Takahiro	
Morishita, Yuri	
Morita, Ryo.	
Moriyama, Kiyofumi	
	ICONE26-82310 (11-3)
Morokhovskyi, Victor	
Morrell, Jonathan	
Mostafavi, Mahmoud	
Motome, Yuiko	
Moulinec, Charles	
	ICONE26-82210 (9-9)
Mousseau, Vincent	, ,,
	ICONE26-82438 (15-1)
Moutrille, Marie-Pierre	
Mukin, RomanICONE26-81743	3 (9-8), ICONE26-81749 (8-9),
	ICONE26-82546 (8-27)
Müller, Georg	ICONE26-82634 (3-11)
Muñoz Garcia, Jorge Enrique	ICONE26-82337 (7-3)
Murai, Yoichi	ICONE26-82197 (10-9)
Muramatsu, Ken	
Murao, Hiroyuki	
Murase, Michio	
Murgatroyd, Julian	
Murray, Nathan R.	
•	ICONE26-82389 (11-4)
Muta, Hitoshi	,
Muyshondt, Robert	
majorioriut, riodort	13014220 02-720 (0-23)

N

Na, Min Wook	ICONE26-81845 (8-35)
Nadri, Brahim	ICONE26-81167 (3-8)
Nagae, Yuji	ICONE26-81411 (6-7)
Nagai, Keiichi	ICONE26-81309 (13-2)
Nagai, Minoru	
Nagashima, Kazufumi	ICONE26-81127 (14-1)
Nakagiri, Toshio	ICONE26-81411 (6-7)
Nakajima, Takashi	ICONF26-81966 (8-15)
Nakamura, Koichi	
	ICONE26-82129 (8-3)
Nakamura, Norihito	ICONE26-82197 (10-9)
Nakamura, Shohei	ICONF26-82675 (4-2)
Nakamura, Yuki	ICONF26-81383 (8-13)
Transaction at a contraction of the contraction of	ICONF26-81497 (16-16)
Nakazuka, Isamu	
Nallo, Giuseppe Francesco	
Naoki, Hirokawa	ICONE26-82022 (0-33)
Ivaori, Hiiokawa	ICONE26 82045 (7 4)
Narabayashi, Tadashi	
Narcisi, Vincenzo	
Naruto, Kenichi	
Nawaz, AmjadICONE26-82643	
Nayak, Arun	IUUNE26-82489 (9-11)
Nelson, Lee	IUUNE26-81833 (1-4)
Newnes, Linda	
Nguyen, Thien D.	
N. 14	ICONE26-82425 (8-29)
Ni, MoICONE26-8133	
Niculae, Carmen	ICONE26-81469 (8-39)
Nie, HaoICONE26-81291	
Niffenegger, Markus	
Nikolaidis, Theoklis	
	ICONE26-81681 (5-3)
ICONE26-81686	
Nishi, YoshihisaICONE26-8201	
Nishida, Akemi . ICONE26-82034 (
Nishida, Koji	
Nishihara, Kenji	
Nishimura, Satoshi	
Nishino, Hiroyuki	ICONE26-81079 (14-1)
Nistor-Vlad, Roxana-Mihaela	ICONE26-82241 (16-13)
Nitti, Francesco Saverio	ICONE26-82379 (8-29)
Niu, Jinlin	ICONE26-82155 (8-5)
Niyogi, Kalyan	ICONE26-81186 (9-3)
Noah, Olugbenga O	ICONE26-82456 (8-31)
Noda, Shizuo	
Noda, Shogo	ICONE26-81501 (5-2)
Noguchi, Hironori	
	ICONE26-81144 (8-31)
	, ,

Noorikalkhoran, Omid	ICONE26-82635 (8-3)
Noriaki, Hirota	ICONE26-81718 (13-3)
Nouji, Hiroyuki	ICONE26-82616 (6-4)
Nourbakhsh, Hossein	
Nouri, E.	
Novog, David	
Novog, Daviu	IGUINE20-02412 (10-22)
0	
Obabko, Aleksandr	ICONE26-81802 (0-3)
Obabko, Aleksariai	
Obayashi, Hironari	
Odarushchenko, Oleg	
Obligate Vetaubire	
Ohkawa, Katsuhiro	
Ohmori, Shuichi	
Ohori, Hiroki	ICUNE26-811/3 (16-15)
Ohshima, Hiroyuki	ICONE26-81695 (16-15),
Okagaki, Yuria	
Okamoto, Koji	
Okano, Yasushi	ICONE26-81079 (14-1)
Okawa, Riichiro	ICONE26-82658 (8-29)
Okawa, Tomio	
	ICONE26-81679 (16-5)
Okazawa, Hiroshi	ICONE26-82560 (1-2)
Okido, Shinobu	ICONE26-82560 (1-2)
Olcese, Marco	ICONE26-82550 (16-1)
Onitsuka, Yoichi	
Ono, Ayako	
Onodera, Naoyuki	
Ose, Yasuo	
Osigwe, Emmanuel O.	
coigno, Emmandor o	
Ouyang, Bin.	ICONE26-82518 (8-10)
Ouyang, Yong	ICONE26-82146 (8-11)
Owens, Alex R.	
Ozaki, Eiji	
Ozaki, Susumu Ozaltun, Hakan	
Uzaituri, Fiakari	
P	
Paci, Sandro	ICONE26-81130 (15-3)
Pacio, JulioICONE26-82163 (8	
Pacquentin, Wilfried	
r acquerium, wiimeu	IOUNEZU-01000 (1U-7),
Polmor Join	IUUNEZ0-01004 (10-9)
Palmer, lain	
Pan, Chin	
Pan. Juniie	IUUNE26-82031 (8-35)

Ozaltun, Hakan	ICONE26-82437 (2-1)
P	
Paci, Sandro	ICONE26-81139 (15-3)
Pacio, Julio ICONE26-82163 (8-14).	
Pacquentin, Wilfried	
acqueriar, rumica	
Palmer, lain	
Pan, Chin	
Pan, Junjie	
Pan, Liang-ming	
Pan, Liqiang ICONE26-81992 (8-21)	ICONE26-82052 (8-30)
Pan, Qingquan	ICONE26-81036 (16-6)
Pan, YifeiICONE26-82556 (4-4)), ICONE26-82558 (4-1),
Panarin, Artem	ICONE26-82377 (4-1)
Pandey, Mahesh	
Pang, Bo.	
Pang, Hua	٠,
Papa, Stefano	
Papadopoulos, Petros	
Papukchiev, Angel	
	, ,
Parekh, Mithil	
Park, Byung Gi	
Park, Goon-cherl	
Park, Hae MinICONE26-81458 (8-7	
Park, Hyun Sun	
Park, Ji Hye ICONE26-81754 (10-1).	
Park, Jin Ho	
Park, Jin Seok.	
Park, Jong Woon	
r ark, July Wouli	
Park, Jong-man	
Park, Joohwan	ICONE26-81674 (2-11)
Park, Rae Joon.	ICONE26-82029 (11-3)
Park, Su yeon	
Park, YusunICONE26-81458 (8-7	
Parks, Geoff	,,
Pasman, Marjolein	ICONE26-81593 (16-4)
Patelli, Edoardo	
Patterson, Eann	ICONE26-81090 (2-4)
Paulus, Patrick	ICONE26-81009 (8-32)

Pautz, Andreas ICONE26-81082 (1	16-6), ICONF26-81574 (2-10),
ICONE26-82260 (15-3) ICONE26-82381 (2-10)
Paviet, Patricia ICONE26-81017 (10 0), 100NE26 02001 (2 10)
Peakman, Aiden	
Pei, Yu	
Peillon, Samuel	ICONE26-81531 (10-6)
Peilong, Li	ICONE26-81258 (10-9)
Peir, Jinn-Jer	ICONE26-81230 (8-12)
Peng, Changhong	ICONF26-81176 (14-2).
	ICONE26-81410 (9-5)
ICONE26-8141	
Peng, Cheng.	
Peng, Chuanxin	ICONE26-81107 (8-1)
Peng, Huanhuan	ICONE26-81899 (11-2)
Peng, Lianghui	ICONE26-82125 (2-7)
Peng, Minjun	ICONE26-81059 (16-14),
	ICONE26-81101 (9-12),
	ICONF26-81779 (16-4)
Peng, TianjiICONE26-81329	9 (5-1) ICONE26-82030 (5-3)
rong, nanji	ICONE26-82268 (8-9)
Dang Wei ICONFOC 01EC1 /	IOONEGE 01700 (16 0)
Peng, Wei ICONE26-81561 (*	
ICONE26-81801 (
Peng, XingjieICONE26-81205	o (2-5), ICONE26-81213 (2-5),
	ICONE26-82079 (13-5)
Perez-Ferragut, M	ICONE26-81861 (8-35),
-	ICONE26-81912 (15-5),
ICONE26-82041 (1	
Perrot, Vincent	ICONE26-81147 (10-3)
Perzon, Sven	
Pesetti, AlessioICONE26-81824	
Pesznyak, Csilla	
Petesch, Cécile	ICONE26-82337 (7-3)
Petlowany, Christina	ICONE26-82398 (16-5)
Petrov, Victor	ICONE26-82431 (16-10)
Petruzzi, Alessandro	ICONE26-81571 (15-2)
Piccinelli, Ermanno	ICONE26-81422 (6-8)
Pilidis, PericlesICONE26-81337	
ICONE26-81686	
Pioro, IgorICONE26-81045 (16	
ICONE26-81618 (16	2 15) ICONE26 01060 (10-10),
IGOINE20-01010 (10	100NEOC 0000E (10-7),
,	IUUNE26-82085 (16-4)
Pioro, Roman	ICUNE26-82085 (16-4)
Pis'mennyi, Evgeniy	
Polazzi, Giuseppe	ICONE26-81216 (5-2)
Polidori, Massimiliano	ICONE26-81434 (15-5)
Popov, Roman	ICONE26-81608 (16-18),
	ICONE26-81618 (16-15).
	ICONE26-81860 (16-7)
Porcheron, Emmanuel	ICONE26-81531 (10 6)
Darter Nathan	IUUNEZO-0Z4U0 (9-9)
Porter, Nathan	
Prabowo, Ari S.	
Prasser, Horst-Michael	ICONE26-81082 (16-6),
ICONE26-81445 (16-4), ICONE26-81602 (8-32),
Pribaturin, Nikolay	
Priogogra Ilio	
Prisecaru, Ilie	
Probert, Thomas A.	
Pryor, Mitch	ICONE26-82398 (16-5)
Puccini, Monica	ICONE26-82598 (5-4)
Puragliesi, Riccardo	ICONE26-81743 (9-8)
-	,
_	
Q	
•	

•	
Qi, Huan-huan	ICONE26-81278 (3-10), ICONE26-81509 (2-1),
	ICONE26-81537 (9-1)
Qi, JingWen	ICONE26-81122 (4-5)
Qi, Pei Yao	ICONE26-81168 (8-7), ICONE26-81526 (16-17)
Qi, Shaopu	ICONE26-82308 (3-4)
Qi, Sun	ICONE26-81656 (3-4), ICONE26-81660 (3-4)
Qi, Zhang	ICONE26-82212 (15-2)
Qi, Zhen Feng	ICONE26-81133 (8-12), ICONE26-81301 (4-6)
Qian, 0	ICONE26-82026 (10-1)
Qian, Dazhi	ICONE26-81313 (8-14), ICONE26-81755 (14-3)
Qian, Hao	ICONE26-81520 (6-9)
Qian, Sun	ICONE26-81478 (1-1)
Qian, Yijie	ICONE26-81408 (1-3)
Qiao, Xuedong	ICONE26-81899 (11-2)
Qin, Benke	ICONE26-81305 (8-16), ICONE26-81362 (3-6)
Qin, Haiqi	ICONE26-82605 (9-7)
Qin, Hao	ICONE26-81728 (6-10)
Qin, Shijun	ICONE26-82657 (5-1)

Qin, Xuemeng	ICONE26-81865 (6-4)
Qiqi, Yan	ICONE26-81880 (6-5)
Qiu, Bowen	ICONE26-82076 (16-7)
	ICONE26-82454 (9-11)
Qiu, Suizheng	ICONE26-81248 (16-11),
	ICONE26-81367 (8-15),
	CONE26-81400 (16-8), ICONE26-81444 (16-16),
	ICONE26-81505 (16-17), ICONE26-81539 (5-5),
	ICONE26-81544 (8-1), ICONE26-81551 (16-17),
	ICONE26-81563 (8-38), ICONE26-81626 (16-3),
	ICONE26-81630 (8-38), ICONE26-81639 (16-3),
	ICONE26-81641 (16-2), ICONE26-81728 (6-10),
	ICONE26-81735 (8-7), ICONE26-81738 (16-13),
	CONE26-81752 (8-27), ICONE26-81757 (16-15),
	ICONE26-81844 (8-27), ICONE26-81849 (7-3),
	ICONE26-81880 (6-5), ICONE26-81891 (16-12),
	ICONE26-81917 (5-3), ICONE26-81948 (9-2),
	ICONE26-81994 (16-3), ICONE26-82146 (8-11),
	ICONE26-82269 (6-5), ICONE26-82293 (8-24),
	ICONE26-82303 (8-29)
	ICONE26-81982 (2-2)
	ICONE26-81094 (6-4), ICONE26-81189 (6-8),
	ICONE20-61094 (0-4), ICONE20-61169 (0-6),
	,
	ICONE26-81122 (4-5)
	ICONE26-82561 (4-4)
	ICONE26-81829 (4-6)
	ICONE26-81252 (16-22)
	ICONE26-81886 (8-11)
uuiroga, Victor	ICONE26-82016 (1-1)

R	
Rabin, Barry H.	ICONE26-82437 (2-1)
	ICONE26-81833 (1-4)
Raddino, Salvatore	
Radman, Stefan	, ,
	ICONE26-81273 (5-4)
Rao, Junjie	ICONE26-81694 (15-5)
	ICONE26-81440 (8-4)
Ratti, Luca	
Ravetto, Piero ICONE26-82339	9 (8-39), ICONE26-82507 (8-24)
Razumovskiy, Victor	ICONE26-81289 (16-15)
Remetti, Romolo	ICONE26-81422 (6-8)
Ren, lixia	ICONE26-81559 (8-23)
Ren, Quan-yao	ICONE26-81435 (16-16)
Ren, Tingting ICONE26-81554	1 (9-9), ICONE26-82195 (16-11)
	ICONE26-81258 (10-9)
	ICONE26-81109 (16-8),
	ICONE26-81276 (15-3),
	ICONE26-82475 (2-7)
	ICONE26-81841 (15-5)
	ICONE26-81001 (16-4)
	ICONE26-82379 (8-29)
	ICONE26-81602 (8-32)
	ICONE26-81044 (12-1),
	ICONE26-81124 (12-2),
	ICONE26-82611 (12-1)
	ICONE26-81760 (16-1),
	ICONE26-82228 (13-6)
	ICONE26-82387 (2-1) ICONE26-81571 (15-2),
	ICONE26-82631 (15-1)
	70 (5-7), ICONE26-82210 (9-9)
	31 (10-6), ICONE26-82408 (9-9)
	ICONE26-81550 (13-1)
	38 (7-3), ICONE26-82146 (8-11)
*	ICONE26-82607 (16-7)
Huscar, Maicr	, ,

S	
Sagara, Hiroshi.	ICONE26-82618 (6-10
Sahoo, Pradeep	
Sahu, Santosh Kumar	ICONE26-81673 (16-17)
	ICONE26-82211 (8-30
Sailsbery, Mitchell E	ICONE26-81896 (11-1
Saito, Jun-ichi	ICONE26-81309 (13-2)
Saito, Shimpei	ICONE26-81383 (8-13)
	ICONE26-81497 (16-16)
ICONE26-81659	9 (8-13), ICONE26-81663 (9-2)
	ICONE26-81695 (16-15
Saito, Toshiteru	ICONE26-81959 (14-4
Saito, Yasushi	
Saito, Yuta	
Sakai, Takaaki	
Sakamoto, Shintaro	ICONE26-81173 (16-15

Sakashita, Hiroto	. ICONE26-82585 (8-21)
Salay, Michael	ICONE26-82415 (8-7)
Sampath, Suresh	ICONE26-81337 (5-7),
	ICONE26-82373 (16-1)
Sanchez Espinoza, Victor Hugo	
ICONE26-82144 (2-	
Sánchez-Mora, Heriberto	ICONF26-81991 (15-5)
Santosa, Haryono Budi	ICONE26-81054 (6-2)
Sasa, Daisuke	
Sato, Chikahiro	. IUUNEZO-01920 (14-3)
Sato, Hisaki	ICUNE26-81923 (2-6)
Sato, IkkenICONE26-81411 (6-	
Sato, Nobuaki	
Sato, Takashi ICONE26-82428 (13-4)	, ICONE26-82552 (13-4)
Sato, Teruyoshi	
Satou, Akira	. ICONE26-82491 (8-27)
Savoldi, LauraICONE26-82339 (8-39	9), ICONE26-82416 (5-2)
Schaffrath, Andreas	ICONE26-81726 (8-13)
Schneider, James	ICONE26-82364 (16-17)
Schroer, Carsten	ICONE26-81713 (3-11)
Schuster, Christoph	
Johnstof, Offisioph	
Scolaro, Alessandro	
Sebe, Fumie	
Segawa, Tomoomi	
Seidl, Marcus ICONE26-81743 (9-8)	
Sekachev, Igor	. ICONE26-82550 (16-1)
Semerok, Alexandre	.ICONE26-81853 (10-7),
Seo, Gwang Hyeok	
Seo, MiRoICONE26-81622 (9-10)	
Sermenghi, Valerio	
Shahmohammadi, Beni Mehrdad	
Shams, Afaque ICONE26-81024 (9-	
Sharilis, AlaqueICUNE20-01024 (9-4	4), ICUNEZO-01049 (9-4)
Shan, Jianqiang	
ICONE26-81425 (16-11)	
ICONE26-81942 (15-2)	
Chana I alaska	ICONIEGE GOEGA (7 E)
Shang, Leiming	
Shang, Xiaotong	ICONE26-81694 (15-5),
Shang, Xiaotong	.ICONE26-81694 (15-5), ICONE26-82185 (2-3)
Shang, Xiaotong Shang, Ziduan (Joshua)	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3)
Shang, Xiaotong Shang, Ziduan (Joshua)	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3)
Shang, Xiaotong	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-82308 (3-4)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-82308 (3-4) ICONE26-81822 (14-3)
Shang, Xiaotong	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-82308 (3-4) .ICONE26-81822 (14-3) CONE26-81673 (16-17),
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-82308 (3-4) ICONE26-81822 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-82308 (3-4) ICONE26-81822 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-82308 (3-4) ICONE26-81822 (14-3) ICONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7)	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-4) ICONE26-82308 (3-4) ICONE26-81822 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-4) ICONE26-81308 (3-4) ICONE26-81822 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) ,ICONE26-81973 (8-23)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) .ICONE26-81822 (14-3) .ICONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) ,ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) .ICONE26-81822 (14-3) .ICONE26-81622 (14-3) .ICONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81913 (8-23) .ICONE26-81913 (8-23) .ICONE26-81818 (9-10) ICONE26-82638 (2-2)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81822 (14-3) CONE26-81673 (16-17), ICONE26-82211 (8-30) ICONE26-8298 (16-5) ICONE26-81910 (9-2) ICONE26-81973 (8-23) ICONE26-81973 (8-23) ICONE26-81818 (9-10) ICONE26-82638 (2-2) ICONE26-8238 (2-2)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Vonggang Shi, Erbing	ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81822 (14-3) CONE26-81673 (16-17), ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) ., ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-8244 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11)
Shang, Xiaotong	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-82185 (2-3) ICONE26-82308 (3-4) .ICONE26-81822 (14-3) .CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82291 (8-30) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-81818 (9-10) ICONE26-812146 (8-11) .ICONE26-812146 (8-11) .ICONE26-812146 (8-11) .ICONE26-81257 (8-15) 2), ICONE26-82145 (2-3)
Shang, Xiaotong	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) .ICONE26-812308 (3-4) .ICONE26-81822 (14-3) .ICONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) .,ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-8268 (2-2) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-15) .ICONE26-82146 (8-15) .ICONE26-82185 (2-3) .ICONE26-82185 (2-3)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-82235 (9-8)	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81088 (3-4) .ICONE26-81822 (14-3) .CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-81818 (9-10) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-82185 (2-3) .), ICONE26-82220 (5-5), .ICONE26-82220 (5-5),
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-1) ICONE26-81975 (5-7) ICONE26-82235 (9-8)	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81088 (3-4) .ICONE26-81822 (14-3) .ICONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-12) .ICONE26-82185 (2-3) .), ICONE26-82185 (2-3) .), ICONE26-82220 (5-5), .ICONE26-82242 (2-11)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-82235 (9-8) Shi, Leitai	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81088 (3-3) ICONE26-81822 (14-3) .CONE26-81673 (16-17), .ICONE26-81673 (16-17), .ICONE26-8211 (8-30) .ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-81818 (9-10) ICONE26-81257 (8-15) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82186 (2-3) .ICONE26-82282 (2-5), .ICONE26-82282 (2-5), .ICONE26-82282 (2-5), .ICONE26-82365 (8-24) ICONE26-82365 (8-24) ICONE26-82042 (5-7)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-1) ICONE26-81975 (5-7) ICONE26-82235 (9-8)	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81088 (3-3) ICONE26-81822 (14-3) .CONE26-81673 (16-17), .ICONE26-81673 (16-17), .ICONE26-8211 (8-30) .ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-81818 (9-10) ICONE26-81257 (8-15) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82186 (2-3) .ICONE26-82282 (2-5), .ICONE26-82282 (2-5), .ICONE26-82282 (2-5), .ICONE26-82365 (8-24) ICONE26-82365 (8-24) ICONE26-82042 (5-7)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-82235 (9-8) Shi, Leitai	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-81088 (3-3) ICONE26-81088 (3-3) ICONE26-81822 (14-3) .CONE26-81673 (16-17), .ICONE26-81673 (16-17), .ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-81257 (8-15) .ICONE26-82146 (8-11) .ICONE26-82185 (2-3) .), .ICONE26-82185 (2-3) .), .ICONE26-82242 (2-11), .ICONE26-82366 (8-24) ICONE26-82366 (8-24) ICONE26-82366 (8-24) ICONE26-82366 (8-24)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Venggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Leitai	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-82185 (2-3) ICONE26-81088 (3-3) .ICONE26-81822 (14-3) .CONE26-81822 (14-3) .CONE26-81211 (8-30) .ICONE26-82211 (8-30) .ICONE26-82398 (16-5) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-82146 (8-11) .ICONE26-81257 (8-15) .2), .ICONE26-82145 (2-3) .1, .ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82356 (8-24) .ICONE26-82356 (8-24) .ICONE26-82356 (8-24) .ICONE26-82347 (16-22)
Shang, Xiaotong	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-82185 (2-3) ICONE26-81088 (3-3) .ICONE26-81822 (14-3) .ICONE26-81673 (16-17), .ICONE26-81211 (8-30) .ICONE26-82398 (16-5) ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10) ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82185 (2-3) .ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82356 (8-24) ICONE26-82347 (16-22) .ICONE26-82042 (2-11), .ICONE26-82042 (2-11), .ICONE26-82146 (2-7) .ICONE26-82347 (16-22) .ICONE26-82347 (16-22)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Gian Shi, San-Qiang Shi, Shan-Diang Shi, Shanbin ICONE26-81874 (16-12)	.ICONE26-81694 (15-5), ICONE26-82185 (2-3) ICONE26-82185 (2-3) ICONE26-81088 (3-3) .ICONE26-81822 (14-3) .ICONE26-81673 (16-17), .ICONE26-81221 (8-30) .ICONE26-8211 (8-30) .ICONE26-82191 (9-2) .ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81913 (8-23) .ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82185 (2-3) .ICONE26-82185 (2-3) .ICONE26-82356 (8-24) .ICONE26-82356 (8-24) .ICONE26-82356 (8-24) .ICONE26-82347 (16-22) .ICONE26-82648 (2-11) .ICONE26-82648 (2-11) .ICONE26-826848 (2-11) .ICONE26-826848 (2-11)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-1) ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Lei ICONE26-81980 (2-1) Shi, Leitai Shi, Lin ICONE26-81540 (2-1) Shi, Qian Shi, San-Qiang Shi, Shanbiin ICONE26-81874 (16-12) Shi, Shanbiin ICONE26-81874 (16-12)	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4) .ICONE26-81622 (14-3) .CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82398 (16-5)ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-82142 (2-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-82356 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-22)ICONE26-82487 (16-3)ICONE26-82487 (16-3)ICONE26-82487 (16-3)
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81622 (14-3)ICONE26-81673 (16-17),ICONE26-81673 (16-17),ICONE26-82211 (8-30)ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-81257 (8-15)ICONE26-82424 (2-11)ICONE26-82146 (8-11)ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-82242 (2-11)ICONE26-82356 (8-24)ICONE26-8245 (3-3)ICONE26-82347 (16-22)ICONE26-82487 (16-22)ICONE26-82487 (16-3)ICONE26-81863 (16-11)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, San-Qiang Shi, Shanbin ICONE26-81874 (16-12) Shi, Shan ICONE26-81874 (16-12) Shi, Shangan ICONE26-81336 (6-8)	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81208 (3-4)ICONE26-81822 (14-3)ICONE26-81673 (16-17),ICONE26-82211 (8-30)ICONE26-82218 (16-5)ICONE26-82198 (16-5)ICONE26-81910 (9-2) ,ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-81818 (9-10)ICONE26-82146 (8-11)ICONE26-81257 (8-15) 2),ICONE26-82185 (2-3) ,ICONE26-82242 (2-11)ICONE26-82242 (2-11)ICONE26-82356 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-22)ICONE26-82347 (16-22)ICONE26-82347 (16-22)ICONE26-82487 (16-3)ICONE26-82487 (16-3)ICONE26-81863 (16-11)ICONE26-81863 (16-11)ICONE26-81863 (16-11)ICONE26-81863 (16-11)ICONE26-81863 (16-11)ICONE26-8104 (3-8)ICONE26-81363 (16-11)ICONE26-81575 (1-1)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)ICONE26-81575 (1-15)
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81229 (14-3) CONE26-81673 (16-17), .ICONE26-82398 (16-5)ICONE26-82398 (16-5)ICONE26-81910 (9-2) , .ICONE26-81910 (9-2)ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-8242 (2-11)ICONE26-82638 (2-2)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82242 (2-11) , .ICONE26-82242 (2-11) , .ICONE26-82242 (2-11) , .ICONE26-82242 (2-11) , .ICONE26-82356 (8-24)ICONE26-82347 (16-22)ICONE26-82347 (16-22)ICONE26-82487 (16-3)ICONE26-81863 (16-11) , .ICONE26-81863 (16-11) , .ICONE26-81304 (3-8) ,ICONE26-81304 (3-8) ,ICONE
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4) .ICONE26-81622 (14-3) .CONE26-81673 (16-17), .ICONE26-81221 (8-30) .ICONE26-82214 (8-30) .ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81910 (8-2)ICONE26-81910 (8-2)ICONE26-81910 (8-11)ICONE26-82424 (2-11)ICONE26-82146 (8-11)ICONE26-82185 (2-3) .), .ICONE26-82185 (2-3) .), .ICONE26-82242 (2-11),ICONE26-82356 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-2)ICONE26-82487 (16-3)ICONE26-81863 (16-11) .), .ICONE26-81863 (16-11) .), .ICONE26-81863 (16-11) .), .ICONE26-81863 (16-11) .), .ICONE26-81391 (16-14) .), .ICONE26-81391 (16-14) .), .ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81975 (5-7) ICONE26-81340 (2-8) ISHI, Shin ICONE26-81540 (2-8) ISHIN ICONE26-81874 (16-12) ISHIN ICONE26-81874 (16-12) ICONE26-81336 (6-8) ICONE26-81336 (6-8) ICONE26-81336 (6-8) ICONE26-81336 (6-8) ISHIN INDUKLING INDUK	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4) .ICONE26-81622 (14-3) .CONE26-81673 (16-17), .ICONE26-81221 (8-30) .ICONE26-82211 (8-30) .ICONE26-82218 (16-5)ICONE26-81910 (9-2), .ICONE26-81910 (9-2), .ICONE26-81910 (9-2), .ICONE26-81910 (8-11)ICONE26-81910 (8-11)ICONE26-82424 (2-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82210 (5-7)ICONE26-82242 (2-11),ICONE26-82356 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-2)ICONE26-82487 (16-3)ICONE26-81541 (2-8)ICONE26-81863 (16-11)ICONE26-81863 (16-11)ICONE26-81863 (16-11)ICONE26-81391 (16-14)ICONE26-81391 (16-14)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-3) Shi, Leitai Shi, Leitai Shi, Lin ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81973 (3-8) Shi, San-Qiang Shi, Shanbin ICONE26-81874 (16-12) Shi, Shanbin ICONE26-81873 (3-6) ICONE26-81336 (6-18) Shi, Zhengang ICONE26-81336 (6-18) Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibiata, Hiroyuki Shiliang, Zhou Shimizu, Kosuke	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4) .ICONE26-81622 (14-3) .CONE26-81673 (16-17), .ICONE26-81221 (8-30) .ICONE26-81211 (8-30) .ICONE26-81211 (8-30) .ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81913 (8-2) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10)ICONE26-82424 (2-11) .ICONE26-82146 (8-11) .ICONE26-82146 (8-11) .ICONE26-82167 (8-15) .ICONE26-82185 (2-3) .ICONE26-82242 (2-11) .ICONE26-82356 (8-24) .ICONE26-82356 (8-24) .ICONE26-82347 (16-3) .ICONE26-82487 (16-3) .ICONE26-81863 (16-11) .ICONE26-81863 (16-11) .ICONE26-81863 (16-11) .ICONE26-81913 (3-3) .ICONE26-81913 (3-13) .ICONE26-81913 (3-13) .ICONE26-81913 (3-13) .ICONE26-81893 (13-2) .ICONE26-81893 (13-2) .ICONE26-81893 (13-2) .ICONE26-81893 (13-2) .ICONE26-818417 (8-20)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, San-Oiang Shi, Shanbin ICONE26-81874 (16-12) Shi, Shu Shi, Zhengang ICONE26-81293 (3-8) ICONE26-81336 (6-8)	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81208 (3-4) .ICONE26-81822 (14-3) .CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82291 (16-3) .ICONE26-81910 (9-2) .ICONE26-81910 (9-2) .ICONE26-81913 (8-23) .ICONE26-81818 (9-10)ICONE26-81818 (9-10)ICONE26-812146 (8-11) .ICONE26-81257 (8-15) .ICONE26-82145 (2-3) .ICONE26-82145 (2-3) .ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82356 (8-24) .ICONE26-82356 (8-24) .ICONE26-82347 (16-22) .ICONE26-82347 (16-22) .ICONE26-81863 (16-11) .ICONE26-81391 (16-14) .ICONE26-81391 (16-14) .ICONE26-81391 (16-14) .ICONE26-81913 (3-13) .ICONE26-81883 (13-2) .ICONE26-81468 (2-8)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding CONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Shanbin ICONE26-81874 (16-12) Shi, Shanbin ICONE26-818336 (6-8) Shibahara, Makoto Shibata, Hiroyuki Shiliang, Zhou Shimizu, Kosuke Shimomura, Takashi Shin, Chang Hwan	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81292 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30)ICONE26-82398 (16-5)ICONE26-82398 (16-5)ICONE26-81910 (9-2) , .ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-81818 (9-10)ICONE26-8268 (2-2)ICONE26-8268 (2-2)ICONE26-81257 (8-15) 2), .ICONE26-82156 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-3)ICONE26-82347 (16-3)ICONE26-82347 (16-2)ICONE26-82347 (16-3)ICONE26-81541 (2-8)ICONE26-8163 (16-11) , .ICONE26-81391 (16-3)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81468 (2-8)ICONE26-81468 (2-8)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81468 (2-8)ICONE26-81554 (8-4)ICONE26-81554 (8-4)ICONE26-82554 (8-4)ICONE26-82
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding ICONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-82235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, San-Oiang Shi, Shanbin ICONE26-81874 (16-12) Shi, Shu Shi, Zhengang ICONE26-81293 (3-8) ICONE26-81336 (6-8)	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81292 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30)ICONE26-82398 (16-5)ICONE26-82398 (16-5)ICONE26-81910 (9-2) , .ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-81818 (9-10)ICONE26-8268 (2-2)ICONE26-8268 (2-2)ICONE26-81257 (8-15) 2), .ICONE26-82156 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-3)ICONE26-82347 (16-3)ICONE26-82347 (16-2)ICONE26-82347 (16-3)ICONE26-81541 (2-8)ICONE26-8163 (16-11) , .ICONE26-81391 (16-3)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81468 (2-8)ICONE26-81468 (2-8)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81468 (2-8)ICONE26-81554 (8-4)ICONE26-81554 (8-4)ICONE26-82554 (8-4)ICONE26-82
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding CONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Shanbin ICONE26-81874 (16-12) Shi, Shanbin ICONE26-818336 (6-8) Shibahara, Makoto Shibata, Hiroyuki Shiliang, Zhou Shimizu, Kosuke Shimomura, Takashi Shin, Chang Hwan	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81292 (14-3) CONE26-81673 (16-17),ICONE26-82211 (8-30)ICONE26-82398 (16-5)ICONE26-81910 (9-2)ICONE26-81910 (9-2)ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-81818 (9-10)ICONE26-8242 (2-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82242 (2-11)ICONE26-82242 (2-11)ICONE26-82356 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-22)ICONE26-81837 (16-3)ICONE26-81837 (16-3)ICONE26-81931 (3-13)ICONE26-81931 (3-13)ICONE26-81931 (3-13)ICONE26-81931 (3-13)ICONE26-81833 (13-2)ICONE26-81833 (13-2)ICONE26-81833 (13-2)ICONE26-81468 (2-8)ICONE26-81468 (2-8)ICONE26-82071 (8-5)
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81082 (14-3)ICONE26-81673 (16-17),ICONE26-81211 (8-30)ICONE26-82398 (16-5)ICONE26-81910 (9-2) ,ICONE26-81910 (9-2) ,ICONE26-81910 (9-2) ,ICONE26-81913 (8-23)ICONE26-81913 (8-23)ICONE26-82424 (2-11) ,ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82185 (2-3) ,ICONE26-82242 (2-11) ,ICONE26-82242 (2-11) ,ICONE26-82242 (2-11) ,ICONE26-82347 (16-2)ICONE26-82347 (16-2)ICONE26-82347 (16-2)ICONE26-81931 (16-11) ,ICONE26-81931 (16-14) ,ICONE26-81304 (3-8) ,ICONE26-81304 (3-8) ,ICONE26-81310 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81914 (8-2)ICONE26-82554 (8-4)ICONE26-82554 (8-4)ICONE26-82
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding She, Ding Shen, Wei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-81), Lei ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81540 (2-81), Lei ICONE26-81540 (2-81), Lei ICONE26-81540 (2-81), Shi, Lei ICONE26-81540 (2-81), Shi, Lei ICONE26-81336 (6-81), Shan-Dina ICONE26-81336 (6-81), Shu Shi, Zhengang ICONE26-81336 (6-81), Shu Shi, Zhengang ICONE26-81336 (6-81), Shu Shijahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shimizu, Kosuke Shimomura, Takashi Shin, Chang Hwan Shin, Dong-Ho Shin, Dong-Ho Shin, Dong-Ho Shin, Jae-UK	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81282 (14-3) CONE26-81622 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82211 (8-30) .ICONE26-81910 (9-2) , ICONE26-81910 (9-2) , ICONE26-81910 (9-2) , ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10)ICONE26-82146 (8-11) .ICONE26-81257 (8-15) .ICONE26-82145 (2-3) , ICONE26-82145 (2-3) , ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82547 (8-5) , ICONE26-82487 (16-3) .ICONE26-82347 (16-22) .ICONE26-81541 (2-8) .ICONE26-8163 (16-11) .ICONE26-81913 (3-2) .ICONE26-81913 (3-13) .ICONE26-81147 (8-2) .ICONE26-81147 (8-2) .ICONE26-81147 (8-2) .ICONE26-81147 (8-2) .ICONE26-81468 (2-8) .ICONE26-814883 (13-2) .ICONE26-814846 (2-8) .ICONE26-81445 (8-35) .ICONE26-81455 (1-5) .ICONE26-82495 (1-5) .ICONE26-81453 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-81633 (11-5)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding She, Ding Shen, Wei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-81), Lei ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81540 (2-81), Lei ICONE26-81540 (2-81), Lei ICONE26-81540 (2-81), Shi, Lei ICONE26-81540 (2-81), Shi, Lei ICONE26-81336 (6-81), Shan-Dina ICONE26-81336 (6-81), Shu Shi, Zhengang ICONE26-81336 (6-81), Shu Shi, Zhengang ICONE26-81336 (6-81), Shu Shijahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shibahara, Makoto Shimizu, Kosuke Shimomura, Takashi Shin, Chang Hwan Shin, Dong-Ho Shin, Dong-Ho Shin, Dong-Ho Shin, Jae-UK	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81282 (14-3) CONE26-81622 (14-3) CONE26-81673 (16-17), .ICONE26-82211 (8-30) .ICONE26-82211 (8-30) .ICONE26-81910 (9-2) , ICONE26-81910 (9-2) , ICONE26-81910 (9-2) , ICONE26-81973 (8-23) .ICONE26-81973 (8-23) .ICONE26-81818 (9-10)ICONE26-82146 (8-11) .ICONE26-81257 (8-15) .ICONE26-82145 (2-3) , ICONE26-82145 (2-3) , ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82242 (2-11), .ICONE26-82547 (8-5) , ICONE26-82487 (16-3) .ICONE26-82347 (16-22) .ICONE26-81541 (2-8) .ICONE26-8163 (16-11) .ICONE26-81913 (3-2) .ICONE26-81913 (3-13) .ICONE26-81147 (8-2) .ICONE26-81147 (8-2) .ICONE26-81147 (8-2) .ICONE26-81147 (8-2) .ICONE26-81468 (2-8) .ICONE26-814883 (13-2) .ICONE26-814846 (2-8) .ICONE26-81445 (8-35) .ICONE26-81455 (1-5) .ICONE26-82495 (1-5) .ICONE26-81453 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-816-8163 (11-5) .ICONE26-81633 (11-5)
Shang, Xiaotong Shang, Ziduan (Joshua) Shangshang, Ye Shao, Ge Sharma, Avadhesh Kumar Sharp, Andrew Shaver, Dillon She, Ding CONE26-81975 (5-7) Shehzad Khan, Muhammad Shen, Pei Shen, Wei Shen, Yonggang Shi, Erbing Shi, Guanlin ICONE26-81982 (2-8) Shi, Lei ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81975 (5-7) ICONE26-81235 (9-8) Shi, Leitai Shi, Lin ICONE26-81540 (2-8) Shi, Leitai Shi, San-Qiang Shi, Shanbin ICONE26-81874 (16-12) Shi, Shanbin ICONE26-81874 (16-12) Shi, Shengang ICONE26-81336 (6-8) ICONE26-81336 (6-8	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81282 (14-3) CONE26-81673 (16-17),ICONE26-81221 (8-30)ICONE26-82211 (8-30)ICONE26-82218 (16-5)ICONE26-81910 (9-2) ,ICONE26-81973 (8-23)ICONE26-81973 (8-23)ICONE26-81818 (9-10)ICONE26-812146 (8-11)ICONE26-81257 (8-15) 2),ICONE26-81257 (8-15) 2),ICONE26-82242 (2-11)ICONE26-82185 (2-3) ,ICONE26-82245 (2-11)ICONE26-8258 (8-24)ICONE26-82347 (16-22)ICONE26-82347 (16-22)ICONE26-81514 (2-8)ICONE26-81541 (2-8)ICONE26-81541 (2-8)ICONE26-81391 (16-14)ICONE26-81391 (16-14)ICONE26-81130 (3-13)ICONE26-81130 (3-13)ICONE26-81147 (8-20)ICONE26-81147 (8-20)ICONE26-81446 (2-8)ICONE26-81446 (2-8)ICONE26-81446 (2-8)ICONE26-81446 (2-8)ICONE26-81447 (8-5)ICONE26-8154 (8-4)ICONE26-8154 (8-35)ICONE26-8163 (11-2)ICONE26-8163 (11-2)ICONE26-8145 (8-35)ICONE26-8163 (1-5)ICONE26-81633 (11-2)ICONE26-81845 (8-35)ICONE26-81833 (11-2)ICONE26-81845 (8-35)ICONE26-81833 (11-2)ICONE26-81833 (11-2)ICONE26-81233 (6-10)ICONE26-82233 (6-10)
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-4)ICONE26-81292 (14-3)ICONE26-81673 (16-17),ICONE26-81673 (16-17),ICONE26-82398 (16-5)ICONE26-81910 (9-2) ,ICONE26-82398 (16-5)ICONE26-81910 (9-2) ,ICONE26-81913 (8-23)ICONE26-81818 (9-10)ICONE26-82638 (2-2)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82145 (2-3) ,ICONE26-82185 (2-3) ,ICONE26-82242 (2-11),ICONE26-82242 (2-11),ICONE26-82242 (2-11),ICONE26-82347 (16-22)ICONE26-82347 (16-22)ICONE26-81814 (2-8)ICONE26-81813 (3-13)ICONE26-81813 (3-2)ICONE26-81913 (3-13)ICONE26-81813 (3-2)ICONE26-818175 (1-1)ICONE26-81813 (3-2)ICONE26-81817 (3-2)ICONE26-81817 (3-2)ICONE26-81846 (2-8)ICONE26-81846 (2-8)ICONE26-81847 (8-20)ICONE26-81845 (8-35)ICONE26-81845 (1-5)ICONE26-81833 (1-2)ICONE26-81845 (1-5)ICONE26-81833 (1-2)ICONE26-81833 (1-2)ICONE26-81833 (1-2)ICONE26-81833 (1-2)ICONE26-81833 (1-2)ICONE26-81833 (1-2)ICONE26-81833 (1-2)ICONE26-81847 (3-6)ICONE26-81847 (3-6)ICONE26-82237 (3-6)ICONE26-82237 (3-6)ICONE26-82237 (3-6)ICONE26-82237 (3-6)ICONE2
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-3)ICONE26-81208 (3-4)ICONE26-81673 (16-17),ICONE26-81673 (16-17),ICONE26-82398 (16-5)ICONE26-82398 (16-5)ICONE26-81910 (9-2) ,ICONE26-81910 (9-2) ,ICONE26-8242 (2-11)ICONE26-8268 (2-2)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82146 (8-11)ICONE26-82242 (2-11) ,ICONE26-82242 (2-11) ,ICONE26-82242 (2-11) ,ICONE26-82242 (2-11) ,ICONE26-82347 (16-2)ICONE26-82347 (16-2)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81913 (3-13)ICONE26-81468 (2-8)ICONE26-81468 (2-8)ICONE26-82497 (16-3)ICONE26-81468 (2-8)ICONE26-81247 (16-24)ICONE26-81468 (2-8)ICONE26-82495 (1-5)ICONE26-82495 (1-5)ICONE26-82495 (1-5)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82495 (1-5)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82493 (1-2)ICONE26-82495 (1-5)ICONE26-82495 (4-2)ICONE26-82495 (4-2)ICON
Shang, Xiaotong	.ICONE26-81694 (15-5),ICONE26-82185 (2-3)ICONE26-82185 (2-3)ICONE26-81088 (3-3)ICONE26-81088 (3-3)ICONE26-81088 (3-3)ICONE26-81082 (14-3) .CONE26-81673 (16-17), .ICONE26-81221 (8-30) .ICONE26-8211 (8-30)ICONE26-81910 (9-2),ICONE26-81910 (9-2),ICONE26-81910 (9-2),ICONE26-81910 (8-2),ICONE26-81910 (8-11)ICONE26-81818 (9-10)ICONE26-82424 (2-11),ICONE26-82146 (8-11)ICONE26-82185 (2-3) .), .ICONE26-82185 (2-3) .), .ICONE26-82280 (5-7) .), .ICONE26-82280 (5-7) .), .ICONE26-82356 (8-24)ICONE26-82356 (8-24)ICONE26-82347 (16-22)ICONE26-82487 (16-3)ICONE26-81913 (3-13)ICONE26-81304 (3-8),ICONE26-81304 (3-8),ICONE26-81310 (16-14)ICONE26-81310 (3-13)ICONE26-81417 (8-20)ICONE26-81417 (8-20)ICONE26-81486 (2-8)ICONE26-82554 (8-4)ICONE26-82554 (8-4)ICONE26-82554 (8-4)ICONE26-82554 (8-4)ICONE26-82681633 (11-2)ICONE26-81633 (11-2)ICONE26-81633 (11-2)ICONE26-8233 (6-10)ICONE26-8233 (6-10)ICONE26-82675 (4-2)ICONE26-82675 (4-2)ICONE26-82777 (3-6)ICONE26-82767 (4-5)ICONE26-82777 (3-6)ICONE26-82777 (3-6)

Shon, Sang-Rin		Sugawara, Takanori	
Short, Michael		Cugimata Tara	
		Sugimoto, Taro	
Shu. Weipena		Sugita, TsukasaICONE26-81386	
, -	,	Sugrue, Rosemary	,
Shuhong, Liang		Sukarman, Sukarman	
Shwageraus, Eugene		Sukhorukov, Yuri G.	
Siahpush, Ali		Sun, Canhui	ICONE26 91271 (12 A
Sienicki, James		Sun, Dawei	
Silva, Antonio Teixeira E		Sun, Haomin	
		Sun, HongchaoICONE26-8145	,
Silva, Kampanart		ICONE26-82009	
Singh, Shifali		ICONE26-82221	
		Sun, Jilin	
Sisti, Monica		Sun, JunICONE26-82235	
Skillen, AlexICONE26-8217		Sun, Libin	
Skoda, Radek	IUNE20-81215 (10-b)	Sun, Lin	
Skolik, Katarzyna	IUNE20-81801 (8-35)	Sun, Lu	
Skrypnik, Aleksandr		Sun, Maozhou	
		Sun, Peidong	
Slabber, Johan		Sun, PeiweiICONE26-81156	
Smethurst, Andy			
Smith, ClaytonICONE26-8227		Sun, QiICONE26-81792 (, ,,
ICONE26-82519		Sun, Qian Sun, Qiunan	
Smith, Paul		Sun, RuleiICONE26-81505 (16	
Smith, Peter		Sun, RuleiICONE26-81505 (16 Sun, Shiyan	
Smith, Ron			
So, Kangpyo ICONE26-82403 (3		Sun, ShutangICONE26-8145	
Sohn, Myoungsung		ICONE26-81956	
	. , , ,	ICONE26-8215	
	,	Sun Tingzhon	
Solberg, Jerome		Sun, Tingzhen	
Song, Binbin		Sun, Xiaodong	, ,
Song, Guangdong	ICONE26-81652 (8-16)		
Song, Hyukjin	ICONE26-81499 (9-12)	Sun, Xiaokai	
Song, Jian	ICONE26-81248 (16-11)	Sun, Yugang	
Song, PingICONE26-81551 (1	6-17), ICONE26-81630 (8-38),	Sun, ZheICONE26-8130	
	ICONE26-81738 (16-13)	Sun, Zhongning	
Song, Xiaoming	ICONE26-81665 (2-8)		
Song, Yong	ICONE26-82613 (5-4)	ICONE26-81242 (8	
Song, Yu			,
Song, Yuntao		Sung, Gi Ho	
Soni, Anirudh		Suzuki, Masaaki	
Soppera, Nicolas		Suzuki, Mistutoshi	
Sorrell, Nina C.		Suzuki, Ryosuke	
Soulabaille, Yves		Suzuki, Takayuki	
Spasov, I.			
Stakenborghs, Robert		Suzuki, Yohta	
		Svetlov, Sergey	
Stanek, Christopher	,	Svetonosov, Aleksandr	
Starflinger, Joerg			ICONE26-82407 (8-12
otariingor, coorg		Szogradi, Marton	ICONE26-82350 (8-19
Stefanelli, Eleonora		Т	
Stelter, Nolan		=	IOONEO0 04050 (40 7)
Stewart, Paul		Tabarant, Michel	
Stoppel, Leonid		Tabi Vahidi	,
Strjuk, Oleksiy		Tachi, Yoshiaki	
Strömgren, Tobias		Taguchi, Keisuke	,
Stryzheus, Svitlana		Taguchi, Ryota	
Su, Guanghui		Tahara, Mika	,
ou, duangnui		Takada, Tsuyoshi	
ICONE26-81400 (1		Takahashi, Hideharu	
ICONE26-81505 (
ICONE26-81544 (Takahashi Chira	
ICONE26-81626 (Takahashi, Shiro	
ICONE26-81639 (Tabald Manuald	
ICONE26-81728		Takaki, Naoyuki	
		Takakura, Yuya	
ICONE26-81738 (1		Takamasa, Tomoji	
ICONE26-81757 (1		Takamiya, Sohei	
ICONE26-8184		Takamura, Noriyuki	
ICONE26-81891 (Takase, Gaku	
ICONE26-81994		Takase, Kazuyuki	
ICONE26-82076 (Takaya, Shigeru	
ICONE26-82269		T	
Su, GuofengICONE26-8125		Takazawa, Hidekazu	
Su, Jiqiang	IUUNE26-81160 (10-7)	Takeda, Hirofumi	
Su, Tao			
Su, XianghuaICONE26-8192		Takeda, Tetsuaki	
Su, Yixin		Takei, Masahiro	
Subioli, Andrea	ICONE26-82419 (8-23)	Takei, Tetsuo	ICONE26-81501 (5-2
Suckow, Detlef		Takeuchi, Yutaka Takeyama, Daiki	

Sugawara, Takanori	ICONE26-81233 (5-4),
	ICONE26-82012 (5-7)
Sugimoto, Taro	
Sugita, TsukasaICONE26-81386	(6-4), ICONE26-81759 (6-4),
	ICONE26-82139 (6-1)
Sugrue, Rosemary	
Sukarman, Sukarman	
Sukhorukov, Yuri G Sun, Canhui	
Sun, Dawei	
Sun, Haomin	
Sun, HongchaoICONE26-81451	
ICONE26-82009 (
ICONE26-82221 (
Sun, Jilin	ICONE26-81370 (8-19)
Sun, JunICONE26-82235 (
Sun, Libin	
Sun, Lin	
Sun, Lu	
Sun, Maozhou Sun, Peidong	
Sun, PeiweiICONE26-81156 (ICONE20-01271 (13-4) 4-4) ICONE26-81318 (13-6)
Sun, QiICONE26-81792 (1	
Sun, Qian.	
Sun, Qiunan	ICONE26-81160 (10-7)
Sun, Rulei ICONE26-81505 (16-	17), ICONE26-81757 (16-15)
Sun, Shiyan	ICONE26-81768 (5-2)
Sun, ShutangICONE26-81451	(6-9), ICONE26-81862 (6-9),
ICONE26-81956 (
ICONE26-82151	
0 . T l	ICONE26-82291 (10-6)
Sun, Tingzhen	ICUNE26-81569 (9-11)
Sun, Xiaodong	ICUNE26-81874 (16-12),
Sun, Xiaokai	ICUNE20-02407 (10-3)
Sun, Yugang	ICONE26-81088 (3-3)
Sun, ZheICONE26-81304	(3-8) ICONE26-81575 (1-1)
Sun, Zhongning	ICONE26-81118 (8-3),
ICONE26-81242 (8-	
Sung, Gi Ho	ICONE26-82603 (7-2)
Suzuki, Masaaki	ICONE26-82567 (6-10)
Suzuki, Mistutoshi	ICONE26-825/8 (6-2)
Curuld Dungula	ICONFOC 00010 (0 Z)
Suzuki, Ryosuke	ICONE26-82619 (3-7)
Suzuki, Ryosuke Suzuki, Takayuki	ICONE26-82619 (3-7) ICONE26-82564 (8-39),
Suzuki, Ryosuke Suzuki, Takayuki	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12)
Suzuki, Ryosuke Suzuki, Takayuki	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82407 (8-12)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82407 (8-12)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82407 (8-12)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82407 (8-12)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-8263 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta. Svetlov, Sergey Svetonosov, Aleksandr T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-82428 (13-4)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81353 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-81428 (13-4) ICONE26-81427 (16-5)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel. Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81431 (13-2) ICONE26-814727 (16-5) ICONE26-81727 (16-5)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-8250 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-81242 (13-4) ICONE26-81727 (16-5) ICONE26-82034 (14-4)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takadashi, Hideharu	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-82428 (13-4) ICONE26-82424 (16-3) ICONE26-82034 (14-4) ICONE26-82150 (16-22),
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-82428 (13-4) ICONE26-81272 (16-5) ICONE26-82034 (14-4) ICONE26-82150 (16-22), ICONE26-82150 (16-22), ICONE26-82614 (10-10),
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika. Takada, Tsuyoshi Takahashi, Hideharu	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-81727 (16-5) ICONE26-82428 (13-4) ICONE26-82046 (8-3) ICONE26-82045 (16-42), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82617 (10-12)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (8-14), ICONE26-826407 (8-12) ICONE26-82350 (8-19) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-812428 (13-4) ICONE26-81277 (16-5) ICONE26-82044 (14-4) ICONE26-82044 (14-4) ICONE26-826150 (16-22), ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82618 (10-10)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-826407 (8-12) ICONE26-8250 (8-19) ICONE26-8250 (8-19) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81727 (16-5) ICONE26-82040 (8-3) ICONE26-82040 (14-4) ICONE26-82150 (16-22), ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82618 (10-10) ICONE26-82618 (10-10) ICONE26-82618 (10-10) ICONE26-82618 (10-10) ICONE26-82618 (10-10) ICONE26-82618 (8-16) ICONE26-82651 (8-16)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (8-14), ICONE26-826407 (8-12) ICONE26-8250 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81331 (13-2) ICONE26-81282 (13-4) ICONE26-8177 (16-5) ICONE26-82034 (14-4) ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82615 (8-16), ICONE26-82613 (8-16), ICONE26-82615 (8-16), ICONE26-82613 (8-16), ICONE26-82613 (8-16), ICONE26-82613 (8-16), ICONE26-82613 (8-16), ICONE26-81331 (13-2)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji	ICONE26-82619 (3-7) ICONE26-82564 (8-39) ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81727 (16-5) ICONE26-82046 (8-3) ICONE26-82046 (8-3) ICONE26-82046 (10-10), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82615 (8-16), ICONE26-82613 (13-12), ICONE26-82613 (13-2), ICONE26-82613 (13-2), ICONE26-82614 (10-10), ICONE26-82613 (13-2), ICONE26-81331 (13-2), ICONE26-81341 (16-18), ICONE26-81727 (16-5), ICONE26-81727 (16-5)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika. Takada, Tsuyoshi Takahashi, Hideharu. Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-82580 (8-39) ICONE26-82580 (8-39) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-82428 (13-4) ICONE26-82428 (13-4) ICONE26-82034 (14-4) ICONE26-82150 (16-22), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82615 (8-16), ICONE26-82613 (13-2) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81944 (16-18), ICONE26-81944
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei Takamura, Noriyuki	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-826407 (8-12) ICONE26-82350 (8-19) ICONE26-82350 (8-19) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-82040 (8-3) ICONE26-82040 (8-3) ICONE26-82034 (14-4) ICONE26-82103 (16-22), ICONE26-82614 (10-10), ICONE26-82617 (10-2), ICONE26-819341 (16-18), ICONE26-81944 (16-18), ICONE26-82063 (8-16), ICONE26-82063 (8-16), ICONE26-81944 (16-18), ICONE26-81944 (16-18), ICONE26-82063 (8-16), IC
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel. Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei Takamura, Noriyuki Takase, Gaku	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-826407 (8-12) ICONE26-82850 (8-19) ICONE26-81853 (10-7), ICONE26-81853 (10-7), ICONE26-81331 (13-2) ICONE26-82428 (13-4) ICONE26-82640 (8-3) ICONE26-82150 (16-22), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82615 (8-16), ICONE26-81331 (13-2), ICONE26-81944 (16-18), ICONE26-8
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei Takakura, Noriyuki Takase, Gaku Takase, Gaku Takase, Kazuyuki	ICONE26-82619 (3-7) ICONE26-8264 (8-39), ICONE26-82580 (8-39) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (8-14), ICONE26-82640 (8-12) ICONE26-8250 (8-19) ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81727 (16-5) ICONE26-82428 (13-4) ICONE26-82644 (10-10), ICONE26-8264150 (16-22), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-81944 (16-18), ICONE26-81944
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamura, Yuya Takamuya, Sohei Takamura, Noriyuki Takase, Gaku Takase, Kazuyuki Takasy, Shigeru	ICONE26-82619 (3-7) ICONE26-82564 (8-39) ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82350 (8-19) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81777 (16-5) ICONE26-82428 (13-4) ICONE26-82046 (8-3) ICONE26-82046 (8-3) ICONE26-82034 (14-4) ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82613 (13-2) ICONE26-81331 (13-2) ICONE26-81934 (16-18) ICONE26-81944 (16-18) ICONE26-81944 (16-18) ICONE26-81944 (16-18) ICONE26-81944 (16-18) ICONE26-81704 (16-12)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika. Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei Takamura, Noriyuki Takase, Gaku Takase, Kazuyuki Takaya, Shigeru	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82564 (8-39), ICONE26-81764 (16-12), ICONE26-81704 (16-12), ICONE26-82640 (1-3), ICONE26-82640 (8-14), ICONE26-82630 (8-14), ICONE26-82407 (8-12), ICONE26-82350 (8-19), ICONE26-81331 (13-2), ICONE26-81331 (13-2), ICONE26-81331 (13-2), ICONE26-81727 (16-5), ICONE26-82046 (8-3), ICONE26-82046 (8-3), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82613 (13-2), ICONE26-81331 (13-2), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-81727 (16-5), ICONE26-81944 (16-18), ICONE26-81944 (16-18), ICONE26-81944 (16-18), ICONE26-8104 (16-12), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-82562 (3-10), ICONE26-82567 (6-10), ICONE26-82567
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika. Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei Takamura, Noriyuki Takase, Gaku Takase, Kazuyuki Takaya, Shigeru Takazawa, Hidekazu	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82564 (8-39), ICONE26-82560 (8-39) ICONE26-82560 (16-3), ICONE26-82640 (1-3), ICONE26-82640 (1-3), ICONE26-82640 (8-14), ICONE26-82607 (8-12), ICONE26-82350 (8-19), ICONE26-82350 (8-19), ICONE26-81331 (13-2), ICONE26-81331 (13-2), ICONE26-81331 (13-2), ICONE26-82046 (8-3), ICONE26-82046 (8-3), ICONE26-82040 (16-22), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82615 (8-16), ICONE26-8131 (13-2), ICONE26-81727 (16-5), ICONE26-81704 (16-12), ICONE26-82667 (6-10), ICONE26-82667 (
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamura, Noriyuki Takase, Gaku Takase, Kazuyuki Takaya, Shigeru Takazawa, Hidekazu Takada, Hirofumi	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-826407 (8-12) ICONE26-826407 (8-12) ICONE26-82550 (8-19) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-82046 (8-3) ICONE26-82034 (14-4) ICONE26-82034 (14-4) ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81944 (16-18) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82667 (6-10) ICONE26-82667 (6-10) ICONE26-826816 (6-4) ICONE26-82681417 (8-20), ICONE26-81417 (8-20), ICONE26-81727 (8-20), ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81417
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel. Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takaki, Naoyuki Takakura, Yuya Takamasa, Tomoji Takamiya, Sohei Takamura, Noriyuki Takase, Gaku Takaya, Shigeru Takazawa, Hidekazu Takeda, Hirofumi	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82580 (8-39) ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-826407 (8-12) ICONE26-828207 (8-12) ICONE26-82820 (8-19) ICONE26-81853 (10-7), ICONE26-81853 (10-7), ICONE26-81831 (13-2) ICONE26-82428 (13-4) ICONE26-82624 (14-4) ICONE26-82610 (16-22), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-82617 (10-2), ICONE26-81944 (16-18), ICONE26-81944 (16-18), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-82667 (6-10), ICONE26-82667 (6-10), ICONE26-82616 (6-4), ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81417 (8-20), ICONE26-81417 (8-36), ICONE26
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamura, Yoriyuki Takamura, Noriyuki Takase, Gaku Takaya, Shigeru Takazawa, Hidekazu Takeda, Hirofumi Takeda, Tetsuaki	ICONE26-82619 (3-7) ICONE26-82564 (8-39) ICONE26-82580 (8-39) ICONE26-82580 (8-39) ICONE26-82580 (8-39) ICONE26-82640 (1-3) ICONE26-82640 (1-3) ICONE26-82163 (8-14), ICONE26-82163 (8-14), ICONE26-82350 (8-19) ICONE26-82350 (8-19) ICONE26-81864 (10-9) ICONE26-81831 (13-2) ICONE26-82428 (13-4) ICONE26-82177 (16-5) ICONE26-82046 (8-3) ICONE26-82043 (14-4) ICONE26-82150 (16-22), ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-82617 (10-2) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81944 (16-18) ICONE26-81944 (16-18) ICONE26-81704 (16-12) ICONE26-81717 (8-26) ICONE26-81717 (8-36) ICONE26-81710 (16-14) ICONE26-81710 (16-14)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr Szogradi, Marton T Tabarant, Michel Tachi, Yoshiaki. Taguchi, Keisuke Taguchi, Ryota Tahara, Mika. Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamuya, Sohei Takamura, Noriyuki Takase, Gaku Takaya, Shigeru Takazawa, Hidekazu Takeda, Hirofumi Takeda, Tetsuaki Taked, Masahiro	ICONE26-82619 (3-7) ICONE26-82564 (8-39) ICONE26-82580 (8-39) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82163 (8-14), ICONE26-82163 (8-14), ICONE26-82407 (8-12) ICONE26-82407 (8-12) ICONE26-81853 (10-7), ICONE26-81864 (10-9) ICONE26-81864 (10-9) ICONE26-81727 (16-5) ICONE26-81727 (16-5) ICONE26-82046 (8-3) ICONE26-82046 (8-3) ICONE26-82150 (16-22), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-81931 (13-2) ICONE26-81331 (13-2) ICONE26-81331 (13-2) ICONE26-81704 (16-12), ICONE26-81944 (16-18) ICONE26-81944 (16-18) ICONE26-81944 (16-18) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-81704 (16-12) ICONE26-82616 (6-4) ICONE26-81700 (16-14) ICONE26-81700 (16-14) ICONE26-81700 (16-14) ICONE26-817904 (16-12) ICONE26-81700 (16-14) ICONE26-817904 (16-14) ICONE26-81700 (16-14)
Suzuki, Ryosuke Suzuki, Takayuki Suzuki, Yohta Svetlov, Sergey Svetonosov, Aleksandr T Tabarant, Michel Tachi, Yoshiaki Taguchi, Keisuke Taguchi, Ryota Tahara, Mika Takada, Tsuyoshi Takahashi, Hideharu Takahashi, Shiro Takaki, Naoyuki Takakura, Yuya Takamura, Yoriyuki Takamura, Noriyuki Takase, Gaku Takaya, Shigeru Takazawa, Hidekazu Takeda, Hirofumi Takeda, Tetsuaki	ICONE26-82619 (3-7) ICONE26-82564 (8-39), ICONE26-82564 (8-39), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-82640 (1-3), ICONE26-82640 (8-3), ICONE26-82630 (8-14), ICONE26-82630 (8-14), ICONE26-82630 (8-12), ICONE26-82630 (8-12), ICONE26-81331 (13-2), ICONE26-81331 (13-2), ICONE26-81331 (13-2), ICONE26-82428 (13-4), ICONE26-82150 (16-22), ICONE26-82150 (16-22), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-82614 (10-10), ICONE26-81727 (16-5), ICONE26-81741 (16-18), ICONE26-81741 (16-18), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-81704 (16-12), ICONE26-82616 (6-4), ICONE26-81707 (16-5), ICONE26-81704 (16-12), ICONE26-82616 (6-4), ICONE26-81707 (16-5), ICONE26-81704 (16-12), ICONE26-81704 (16-14), ICONE26-81704 (16-15),

Takiguchi, Hiroki	
Takiwaki, Kenya.	
Takiya, Hiroaki	
Takuya, Yamashita	ICONE26-81411 (6-7)
Tamagno, Leonie	
Tamura, Akinori	
Tan, Chao	
Tan, Sichao ICONE26-81168 (8-	
ICONE26-81226 (16	
ICONE26-81526 (16-	
Tanabe, MasashiICONE26-81386 (Tanaka, Go	
Tanaka, Masaaki	
Tanaka, Shingo	
2	
Tanaka, Yuusei Tang, BinghuaICONE26-81579 (2	ICUNE26-81/04 (16-12)
Tang, Guofeng	ICONF26-81399 (14-2)
Tang, Hui	
Tang, Lei	
Tang, Simiao.	ICONE26-81735 (8-7)
Tang, Te Tang, Xingling	
Taniguchi, Daisuke	
Tanimoto, Koichi	ICONE26-81143 (8-31),
Tanjung, Elvira F.	ICONE26-81144 (8-31)
Tanno, Shunsuke	
Tao, MoICONE26-81584 (1-5), ICONE26-81829 (4-6),
Tao, Tang	
Tao, ZhouICONE26-81863 (16 Tarantino, Mariano	
rarantino, manano	
ICONE26-82213 (8-	
ICONE26-82379 (8-	,. , , , , , , , , , , , , , , , , , ,
Tarasawa, Shoh.	
Taruta, Yasuyoshi	ICONE26-81228 (10-7)
Tasaka, Koji	ICONE26-82177 (3-6)
Tatsuya, Tokushima	
Tazawa, Yujiro Temesvari, Emese	
Teng, Chunming	
Tentner, Adrian	ICONE26-81910 (9-2)
Tezuka, Masashi	
Thieblemont, Jean-Claude Tian-yi, Zhang	
Tian, Chunping.	
Tian, Ruifeng	
Tian, Wei	
Tian, WenxiICONE26-81248 (16-1	
ICONE26-81539 (
ICONE26-81639 (16-	-3), ICONE26-81641 (16-2),
ICONE26-81728 (6-	
ICONE26-81738 (16-1	
ICONE26-81948 (
Tian, Yajing	
Tian, YeICONE26-81231 (8	ICONE26-82293 (8-24)
Ting, Hou	
Tohyama, Norihide	
Tom, Eugene ICONE26-82622 (3-	
Tomboulides, Ananias	
Tomikawa, Hirofumi Tomiyama, Akio	
Ton-That, Marc	
Tong, JiejuanICONE26-81166 (6	
ICONE26-81254 (
Tong, Lili ICONE26-81235 (16-	ICUNE26-82636 (4-4)
iong, Lili Ioontezo-o1233 (10-	
Tong, MengYao	ICONE26-81374 (7-4)
Torisaki, Shuhei	ICONE26-81288 (16-16)
Touré, Anicet Trevin, Stephane	
Trifonov, Nikolay N	
Trillon, Gilbert	

Trivedi, Anuj	ICONE26-82497 (8-38) ICONE26-82361 (10-9) ICONE26-81713 (3-11),
Tsubota, Haruji	,
Tsui, Suet Man	
Tsuji, Hirokazu	ICONE26-81072 (3-12)
Tsujimoto, Kazufumi	ICONE26-81233 (5-4),
	ICONE26-82012 (5-7)
Tsumura, Yasuhiro	ICONE26-81208 (7-2)
Tu, JiyuanICONE26-81569 (9-11), ICONE26-81748 (9-5)
Tulinski, Richard	
Tuomisto, Filip ICONE26-82611 (1	2-1), ICONE26-82612 (12-2)

U

_	
Uchibori, Akihiro	ICONE26-81695 (16-15)
Uddin, Rizwan	ICONE26-82450 (16-5)
Uemoto, Yoshio	ICONE26-81913 (3-13)
Ugaz, Victor	ICONE26-82425 (8-29)
Ui, AtsushiICONE26-82018	(8-3), ICONE26-82129 (8-3)
Underhill, Richard	ICONE26-82696 (8-7)

Vaghetto, Rodolfo	ICONE26-81462 (8-6)
Valentine, Timothy	ICONE26-81571 (15-2)
Valtavirta, VilleICONE26-82144	(2-3), ICONE26-82305 (2-3)
Vauglin, Christine	ICONE26-81436 (7-3)
Vechgama, Wasin	ICONE26-82069 (8-11)
Vegendla, Prasad	ICONE26-81910 (9-2)
Velkov, Kiril	ICONE26-81571 (15-2)
Vienna, John	ICONE26-81017 (10-2)
Vierendeels, Jan	ICONE26-81730 (9-10)
Vikhorev, Konstantin	ICONE26-81090 (2-4)
Villanueva, Walter	ICONE26-82248 (11-1)
Vitolo, Sandra	ICONE26-82598 (5-4)
Vitullo, Fanny	ICONE26-81082 (16-6)
Vorobyev, Maksim	ICONE26-82407 (8-12)
Vyskocil, Ladislav	ICONE26-81007 (8-33)

W

VV	
Wada, Yuki	ICONE26-82491 (8-27)
Waedt, Karl ICONE26-81601 (7-	4), ICONE26-82411 (16-13)
Wakabayashi, Toshio	ICONE26-81331 (13-2)
Wakai, Takashi	ICONE26-82619 (3-7)
Wan, Chenghui	ICONE26-82638 (2-2)
Wan, Lei	
Wang, Ang	
Wang, Bing	
Wang, Bolong	
Wang, Chang	ICONF26-81257 (8-15)
Wang, Chenglong	
ICONE26-81728 (6	
ICONE26-81844 (8	,, ,,
Wang, Chenlin ICONE26-81055 (2	
Wang, Chi	
Wang, Chong	
Wang, Chunming	
Wang, Dawei	
Wang, DingguICONE26-81596 (2	
Wang, Fan	
Wang, Fenglong	
Wang, Guanbo ICONE26-81313 (8-	
Wang, Guanghua	
Wang, Guoqiang	
Wang, Haitao	ICUNE26-81022 (3-0)
Wang, He ICONE26-82472 (14	
waily, HeIOUNLZU-02472 (14	-0), ICONE20-02303 (14-3),
Wang, Hong	
Wang, Jiageng	
Wang, Jianjun	
Wang, Jiaxin	
Wang, JieICONE26-81252 (16-2	
ICONE26-81801 (16	
NAL P .	
Wang, Jin	
Wang, Jinghui	
Wang, Jinhua	IUUNE26-81022 (3-9)
Wang, JinyuICONE26-81441 (1	
Wang, Jue ICONE26-81159 (13-	
ICONE26-82219 (6	
Wang, Jun	ICUNE26-81/38 (16-13)

Wang, Jun	ICONE26-81564 (8-1)
Wang, Junfeng. ICONE26-81075	(8-2) ICONE26-81450 (8-28)
wang, camonglookezo o roro	ICONFOC 01 F00 (0 20),
	IGUNEZO-01300 (0-20)
Wang, Junrong	
Wang, Kai	ICONE26-82019 (16-8)
Wang, Kan ICONE26-81036 (16 6) ICONESS 91042 (12 1)
ICONE26-81140	(2-3), ICUNE26-81694 (15-5),
ICONE26-8198	2 (2-2), ICONE26-82185 (2-3),
ICONE26-82397	7 (2-3) ICONE26-82404 (16-7)
Wang, LeiICONE26-81579	
Wang, Liangzi	ICONE26-81055 (2-4)
Wang, Lidong	
Wang, LiQinDu	
Wang, Liu	ICONE26-81444 (16-16)
Wang, Lixia	ICONE26-82308 (3-4)
Wang, Mengjiao	ICUNE20-01320 (0-9)
Wang, MengxiICONE26-81285	5 (6-6), ICONE26-81941 (10-7)
Wang, Mingjun	ICONE26-81626 (16-3)
ICONE26-81639 (
ICONE26-81738 (16-13), ICONE26-82269 (6-5),
	ICUNESE-853U3 (8-50)
Mr No. 1	100NE20-02303 (0-23)
Wang, Naxiu	ICUNE26-81222 (13-5)
Wang, NingICONE26-8195	56 (6-7), ICONE26-81960 (6-7)
Wang, Pengfei ICONE26-81142	2 (4-4) ICONE26-81276 (15-3)
Wang, Qiudong	ioUNEZD-019/5 (5-/)
Wang, Renze	ICUNE26-82009 (2-11)
Wang, Robert	ICONF26-81167 (3-8)
Wang, Rui	ICUNESE SOUNT (9.0)
Wang, ShaohuaICONE26-8116	
Wang, Sheng ICONE26-81507 (2-4), ICONF26-81551 (16-17).
	ICUNESE 81630 (8.38)
Wang, Shihuai	ICUNE26-82076 (16-7)
Wang, Shisheng	ICONE26-82030 (5-3)
Wang, Taowei	ICONE26-81174 (2-11)
Wang, Wanhong	IUUNE26-81176 (14-2),
	ICONE26-81467 (6-5)
Wang, WeiICONE26-8133	2 (8-2) ICONE26-81573 (9-3)
ICONE26-81794	
IGUNE20-61794	(0-31), ICUNEZO-02100 (3-7),
	ICONE26-82183 (8-28)
Wang, Wei	ICONE26-82636 (4-4)
Wang, Weibo	ICONEGG 92479 (9.20)
wang, weldo	
Wang, Wenyi	
Wang, Wenyi	
Wang, WenyiICONE26-8116	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11)
Wang, Wenyi Wang, XiICONE26-8116 Wang, Xianmao Wang, Xiaoji	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1)
Wang, Wenyi Wang, XiICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokun	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4)
Wang, Wenyi Wang, XiICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokun	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4)
Wang, Wenyi Wang, Xi ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8)
Wang, Wenyi Wang, Xi ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokun Wang, Xiaoki Wang, Xiaoki Wang, Xiaoji	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 144 (8-1), ICONE26-81849 (7-3)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu.	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 14 (8-1), ICONE26-81369 (7-3) ICONE26-81356 (2-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 14 (8-1), ICONE26-81369 (7-3) ICONE26-81356 (2-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 14 (8-1), ICONE26-81849 (7-3) ICONE26-81356 (2-4) ICONE26-81994 (16-3)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xin'an	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xian	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81356 (2-4) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-6) ICONE26-81451 (6-9)
Wang, Wenyi Wang, Xi. Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81356 (2-4) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-6) ICONE26-81451 (6-9)
Wang, Wenyi Wang, Xi Wang, Xiaomao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xuan Wang, Xuan Wang, Xuen Wang, Yafeng	33 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-82308 (3-4) ICONE26-81067 (6-8) 14 (8-1), ICONE26-81849 (7-3) ICONE26-81356 (2-4) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-6) ICONE26-81451 (6-9) ICONE26-81467 (4-6)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaopin Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8156 Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan Wang, Yuexin Wang, Yafeng Wang, Yan	63 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81308 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81356 (2-4) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-9) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81647 (4-6) ICONE26-82472 (14-5)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaopia Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan Wang, Yafeng Wang, Yan Wang, Yan	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaopin Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8156 Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan Wang, Yuexin Wang, Yafeng Wang, Yan	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoli Wang, Xiaoya ICONE26-8154 Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xian Wang, Xuan Wang, Xuan Wang, Xuan Wang, Yafeng Wang, Yan	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81038 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-6) ICONE26-81451 (6-9) ICONE26-81647 (4-6) ICONE26-81237 (2-11)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyan Wang, Xin'yan Wang, Xinyu Wang, Xinyu Wang, Xuan Wang, Yaeng Wang, Yan Wang, Ye Wang, Ye Wang, Ye	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. Wang, Xiaomao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yangle Wang, Ye Wang, Ye Wang, Ye Wang, Ye Wang, Yu	33 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-82308 (3-4) ICONE26-81067 (6-8) I4 (8-1), ICONE26-81849 (7-3) ICONE26-81356 (2-4) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-6) ICONE26-81071 (6-6) ICONE26-81647 (4-6) ICONE26-81647 (4-6) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81440 (8-4) ICONE26-82422 (8-9)
Wang, Wenyi Wang, Xi. Wang, Xiaonia Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yan Wang, Yangle Wang, Ye Wang, Ye Wang, Ye Wang, Ye	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xiaoli Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yaen Wang, Yan Wang, Yan Wang, Yan Wang, Yan Wang, Yan Wang, Ye Wang, Yifeng Wang, Yu Wang, Yu Wang, Yu	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yan Wang, Yifeng Wang, Ye Wang, Yu	63 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaopia Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu. Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan Wang, Yaeng Wang, Yan Wang, Yafeng Wang, Yan Wang, Yan Wang, Yang, Ye Wang, Yifeng Wang, Yu	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81030 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81071 (6-9) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81440 (8-4) ICONE26-82422 (8-9) ICONE26-82605 (9-7) ICONE26-81797 (1-3) 8-38), ICONE26-81752 (8-27)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaopia Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuan Wang, Yaefing Wang, Yan Wang, Yafeng Wang, Yan Wang, Yewang, Ye Wang, Yifeng Wang, Yu	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81030 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81071 (6-9) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81440 (8-4) ICONE26-82422 (8-9) ICONE26-82605 (9-7) ICONE26-81797 (1-3) 8-38), ICONE26-81752 (8-27)
Wang, Wenyi Wang, Xi. Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yueng Wang, Yafeng Wang, Yangle Wang, Yangle Wang, Ye Wang, Yu CONE26-81563 (\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaoniao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuen Wang, Yaeng Wang, Yaeng Wang, Yafeng Wang, Yan Wang, Yangle Wang, Ye Wang, Yu CONE26-81563 (Wang, Yhe	33 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-82308 (3-4) ICONE26-81067 (6-8) I4 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81071 (6-6) ICONE26-81071 (6-6) ICONE26-81074 (4-6) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-82222 (8-9) ICONE26-81440 (8-4) ICONE26-81752 (8-7) ICONE26-81595 (2-3)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaonia Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuan Wang, Yaeng Wang, Yaeng Wang, Yafeng Wang, Yangle Wang, Ye Wang, Yu Mang, Zhe Mang, Zhe	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaoniao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuen Wang, Yaeng Wang, Yaeng Wang, Yafeng Wang, Yan Wang, Yangle Wang, Ye Wang, Yu CONE26-81563 (Wang, Yhe	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xi Wang, Xiaomao Wang, Xiaoji Wang, Xiaokin Wang, Xiaokin Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xuan Wang, Xuexin Wang, Yaen Wang, Yaen Wang, Yan Wang, Yan Wang, Ye Wang, Ye Wang, Ye Wang, Yu Wang, Yieng Wang, Zhe Wang, Zhe Wang, Zhipeng Wang, Zilong	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokin Wang, Xiaokin Wang, Xiaoyan Wang, Xiaoyan Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yan Wang, Ye Wang, Yifeng Wang, Yu Wang, Yifeng Wang, Yifeng Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Zhipeng Wang, Zhipeng Wang, Zhipeng Watanabe, Manabu	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyan Wang, Xin'yan Wang, Xin'yan Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yan Wang, Yan Wang, Yan Wang, Yan Wang, Yan Wang, Yu Wang, Zhippeng Wang, Zilong Watanabe, Manabu Watanabe, Manabu	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81030 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81071 (6-9) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81232 (8-9) ICONE26-81237 (2-11) ICONE26-81222 (8-9) ICONE26-81797 (1-3) ICONE26-81844 (8-27) ICONE26-81844 (8-27) ICONE26-81844 (8-27) ICONE26-813399 (14-2) ICONE26-81399 (14-2) ICONE26-81398 (14-3) ICONE26-81281 (14-3) ICONE26-81281 (14-3) ICONE26-81281 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-812570 (10-10)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokin Wang, Xiaokin Wang, Xiaoyan Wang, Xiaoyan Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yan Wang, Ye Wang, Yifeng Wang, Yu Wang, Yifeng Wang, Yifeng Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Zhipeng Wang, Zhipeng Wang, Zhipeng Watanabe, Manabu	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81030 (3-4) ICONE26-81067 (6-8) 44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81071 (6-9) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81232 (8-9) ICONE26-81237 (2-11) ICONE26-81222 (8-9) ICONE26-81797 (1-3) ICONE26-81844 (8-27) ICONE26-81844 (8-27) ICONE26-81844 (8-27) ICONE26-813399 (14-2) ICONE26-81399 (14-2) ICONE26-81398 (14-3) ICONE26-81281 (14-3) ICONE26-81281 (14-3) ICONE26-81281 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-81298 (14-3) ICONE26-812570 (10-10)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyan Wang, Xin'yan Wang, Xin'yan Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yafeng Wang, Yan Wang, Yan Wang, Yan Wang, Yan Wang, Yu Wang, Zhe Wang, Zhippeng Watanabe, Manabu Watanabe, Naoko	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-82146 (8-11) ICONE26-82308 (3-4) ICONE26-81067 (6-8) I4 (8-1), ICONE26-81647 (7-3) ICONE26-81994 (16-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81074 (6-9) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81232 (8-9) ICONE26-81595 (2-3) ICONE26-81844 (8-27) ICONE26-81844 (8-27) ICONE26-81894 (1-3) ICONE26-81399 (14-2) ICONE26-81399 (14-2) ICONE26-81398 (14-3) ICONE26-82570 (10-10), ICONE26-82570 (10-10)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaonia Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yafeng Wang, Yafeng Wang, Yangle Wang, Ye Wang, Ye Wang, Yu Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zilong Watanabe, Manabu Watanabe, Naoko Watanabe, Shun	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaowan Wang, Xiaoyan Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Yafeng Wang, Yafeng Wang, Yafeng Wang, Ye Wang, Ye Wang, Ye Wang, Yu Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zilong Watanabe, Manabu Watanabe, Naoko Watanabe, Shun Watson, Venesa	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaowa Wang, Xiaoyu Wang, Xiaoyu Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Yinyu Wang, Yafeng Wang, Yafeng Wang, Yafeng Wang, Ye Wang, Ye Wang, Yifeng Wang, Yu Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Watanabe, Manabu Watanabe, Naoko Watanabe, Shun Watson, Venesa Weathered, Matthew	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81087 (3-4) ICONE26-81087 (6-8) \$44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81087 (6-6) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81840 (8-4) ICONE26-81847 (8-9) ICONE26-81847 (8-9) ICONE26-81849 (8-9) ICONE26-81849 (8-9) ICONE26-81849 (8-27) ICONE26-81849 (8-27) ICONE26-81399 (14-2) ICONE26-81928 (14-3) ICONE26-82570 (10-10) ICONE26-82570 (10-10) ICONE26-82563 (8-16) ICONE26-82364 (16-17)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaowa Wang, Xiaoyu Wang, Xiaoyu Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Yinyu Wang, Yafeng Wang, Yafeng Wang, Yafeng Wang, Ye Wang, Ye Wang, Yifeng Wang, Yu Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Wang, Zhong Watanabe, Manabu Watanabe, Naoko Watanabe, Shun Watson, Venesa Weathered, Matthew	\$3 (4-5), ICONE26-81562 (1-4) ICONE26-82146 (8-11) ICONE26-81736 (11-1) ICONE26-81087 (3-4) ICONE26-81087 (6-8) \$44 (8-1), ICONE26-81849 (7-3) ICONE26-81994 (16-3) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81084 (16-8) ICONE26-81087 (6-6) ICONE26-81451 (6-9) ICONE26-81451 (6-9) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81237 (2-11) ICONE26-81840 (8-4) ICONE26-81847 (8-9) ICONE26-81847 (8-9) ICONE26-81849 (8-9) ICONE26-81849 (8-9) ICONE26-81849 (8-27) ICONE26-81849 (8-27) ICONE26-81399 (14-2) ICONE26-81928 (14-3) ICONE26-82570 (10-10) ICONE26-82570 (10-10) ICONE26-82563 (8-16) ICONE26-82364 (16-17)
Wang, Wenyi Wang, Xi. Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyan Wang, Xin'an Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Yafeng Wang, Yafeng Wang, Yan Wang, Ye Wang, Yifeng Wang, Yu Wang, Yifeng Wang, Yifeng Wang, Yu Wang, Nan Wang, Wang	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yafeng Wang, Yafeng Wang, Yan Wang, Yangle Wang, Ye Wang, Yifeng Wang, Yu Wang, Yu Wang, Yu Mang, Yu Mang, Yu Mang, Yu Mang, Yu Mang, Yu Mang, Zhipeng Wang, Zhipeng Wang, Zilong Watanabe, Manabu Watanabe, Nanabu Watanabe, Nanabu Watanabe, Shun Watson, Venesa Weathered, Matthew Wedemeyer, Olaf	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaomao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xinyan Wang, Xinyu Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yafeng Wang, Yafeng Wang, Yangle Wang, Ye Wang, Yifeng Wang, Yu Wang, Nu	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyu Wang, Xin'an Wang, Xin'an Wang, Xinyu Wang, Xuan Wang, Xuexin Wang, Yafeng Wang, Yafeng Wang, Yan Wang, Yangle Wang, Ye Wang, Yifeng Wang, Yu Wang, Yu Wang, Yu Mang, Yu Mang, Yu Mang, Yu Mang, Yu Mang, Yu Mang, Zhipeng Wang, Zhipeng Wang, Zilong Watanabe, Manabu Watanabe, Nanabu Watanabe, Nanabu Watanabe, Shun Watson, Venesa Weathered, Matthew Wedemeyer, Olaf	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xiaonia Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoyan ICONE26-8154 Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xiyu Wang, Yaeng Wang, Yaeng Wang, Yafeng Wang, Yafeng Wang, Yu Wang, Nang Watanabe, Manabu Watanabe, Nanabu	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi. ICONE26-8116 Wang, Xianmao Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaoou Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuexin Wang, Yafeng Wang, Yafeng Wang, Ye Wang, Ye Wang, Ye Wang, Yu Wang, Zhipeng Wang, Zhipeng Wang, Zhipeng Wang, Zhipeng Wang, Zhipeng Wang, Zhipeng Watanabe, Manabu Watanabe, Nanabu Watanabe, Shun Watson, Venesa Weathered, Matthew Wedemeyer, Olaf Wei, Junxia ICONE26-81518 Wei, Junxia ICONE26-81518 Wei, Junxia ICONE26-81518	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaokun Wang, Xiaowan Wang, Xiaoyu Wang, Xiaoyu Wang, Xin'an Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xuen Wang, Yafeng Wang, Yafeng Wang, Yafeng Wang, Ye Wang, Ye Wang, Yu Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhe Wang, Zhong Watanabe, Manabu Watanabe, Naoko Watanabe, Shun Watson, Venesa Weathered, Matthew Wedemeyer, Olaf Wei, Junxia ICONE26-81513	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xi Wang, Xiaomao Wang, Xiaokin Wang, Xiaokin Wang, Xiaokin Wang, Xiaovan Wang, Xiaoyan Wang, Xian Wang, Xian Wang, Xuan Wang, Yan Wang, Yafeng Wang, Yan Wang, Ye Wang, Ye Wang, Yifeng Wang, Yu Wang, Yifeng Wang, Yifeng Wang, Yifeng Wang, Yifeng Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yifeng Wang, Zhipeng Wang, Zhipeng Watanabe, Manabu Watanabe, Naoko Watanabe, Shun Watson, Venesa Weathered, Matthew Wedemeyer, Olaf Wei, Hong Wei, Junxia ICONE26-81518 Wei, Liangzhang	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaokun Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyan Wang, Xiaoyan Wang, Xin'yan Wang, Xin'yan Wang, Xinyu Wang, Xinyu Wang, Yangle Wang, Yan Wang, Yangle Wang, Ye Wang, Yifeng Wang, Yu Mang, Zhe Wang, Zhe	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xianmao Wang, Xiaoji Wang, Xiaoji Wang, Xiaoli Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyan Wang, Xiinyu Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Xinyu Wang, Yinyu Wang, Yafeng Wang, Yafeng Wang, Yan Wang, Yangle Wang, Ye Wang, Yifeng Wang, Yu Wang, Zhippeng Watanabe, Manabu Watanabe, Shun	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xi Wang, Xiaomao Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyan Wang, Xiaoyan Wang, Xin'yan Wang, Xinyu Wang, Xinyu Wang, Xuan Wang, Yafeng Wang, Yan Wang, Yan Wang, Yan Wang, Ye Wang, Yifeng Wang, Ye Wang, Yu Wang, Zhipeng	33 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xi Wang, Xiaomao Wang, Xiaoji Wang, Xiaokin Wang, Xiaokin Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyan Wang, Xiaoyan Wang, Xin'yan Wang, Xinyu Wang, Xinyu Wang, Xuan Wang, Yafeng Wang, Yafeng Wang, Yan Wang, Yan Wang, Yu Wang, Xin'ya Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Xin'ya Wang, Yu Wang, Yu Wang, Yu Wang, Xin'ya Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Xin'ya Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Yu Wang, Xin'ya Wang, Yu Wang,	\$3 (4-5), ICONE26-81562 (1-4)
Wang, Wenyi Wang, Xi Wang, Xi Wang, Xiaomao Wang, Xiaoji Wang, Xiaoji Wang, Xiaokun Wang, Xiaoli Wang, Xiaoyan Wang, Xiaoyan Wang, Xiaoyan Wang, Xin'yan Wang, Xinyu Wang, Xinyu Wang, Xuan Wang, Yafeng Wang, Yan Wang, Yan Wang, Yan Wang, Ye Wang, Yifeng Wang, Ye Wang, Yu Wang, Zhipeng	\$3 (4-5), ICONE26-81562 (1-4)

Wei. Xinvu	ICONE26-81142 (4-4), I	CONE26-81276 (15-3)
	ICONE26-81741 (3-10),	
		, ,
	Alfons	
	IC	
	l	
	h Carol	
	3	
	ıbianI	
White, Matthew	<i>I</i> l	CONE26-81311 (13-1)
Wilcox, Paul D.		ICONE26-82560 (1-2)
Wilding, Paul R.		CONE26-81896 (11-1),
	ICONE26-81022 (3-9), I	
Wu, Hexi		CONE26-82056 (10-6)
	ICONE26-81041 (2-5),	
	ICONE26-81507 (2-4),	ICONE26-81516 (2-4),
	. ICONE26-82008 (2-12),	ICONE26-82196 (2-5),
Wu, Jianhui		ICONE26-82352 (2-1)
Wu, Jiefeng		ICONE26-82657 (5-1)
Wu, Jun	ICONE26-81267 (3-8),	ICONE26-81332 (8-2),
	ICONE26-81597 (8-30),	ICONE26-81938 (3-3).
	ICONE26-82137 (6-1),	
		CONE26-82183 (8-28)
Wu Junmei	ICONE26-81544 (8-1), ICONE26-81544 (8-1)	CONF26-81752 (8-27)
	ICONE26-81948 (9-2).	
	enl	
Wu, Xiao		CONE26-82487 (16-3)
	ICONE26-81356 (2-4)	
Wu, Xinxin	ICONE26-81229 (8-16), ICONE26-81229 (8-16)	CONE26-81722 (9-14),
		ICONE26-82043 (8-5)
Wu, Yican		ICONE26-82613 (5-4)
Wu, Yingwei	IC	ONE26-81248 (16-11),
	IC	
	ONE26-81505 (16-17), ICI	
	ICONE26-82076 (16-7), I	
vvu, Zbyuli		0014EZU-02400 (10-0)

X

	ICONE26-81254 (5-2), ICONE26-81975 (5-7) CONE26-81059 (16-14), ICONE26-81080 (8-33), ICONE26-81257 (8-15)
Via Huibao	ICONE26-82065 (3-11)
	ICONE26-81644 (6-1), ICONE26-82268 (8-9) ICONE26-81055 (2-4)
Viao lianiun	. ICONE26-81249 (15-3), ICONE26-82402 (9-14)
Viao Dong	ICONE26-81441 (15-3)
	ICONE26-81266 (8-2), ICONE26-81332 (8-2),
	ICONE26-81597 (8-30), ICONE26-81790 (9-1),
	ICONE26-81794 (8-31), ICONE26-81938 (3-3),
Vian Canning	ICONE26-81714 (4-6)
	ICONE26-81863 (16-11)
	ICONE26-82648 (2-11)
	ICONE26-81644 (6-1)
	ICONE26-82313 (14-5)
	ICONE26-81122 (4-5)
	ICONE26-82445 (13-3)
	ICONE26-81232 (3-9), ICONE26-81701 (3-3),
	ICONE26-81797 (1-3)
	ICONE26-81416 (8-33)
	ICONE26-81171 (11-2)
	ICONE26-81031 (8-32)
	ICONE26-82004 (1-4)
	1ICONE26-82016 (1-1)
, <u>_</u> ongqua	

	ICONE26-81183 (1-2)
Xin, Sufang	ICONE26-81356 (2-4)
Xing, LiI	CONE26-81168 (8-7), ICONE26-81526 (16-17)
Xing, Mian	ICONE26-81271 (13-4)
Xiong, Huasheng	ICONE26-82575 (6-2)
Xiong, Qi	ICONE26-82662 (3-13)
	ICONE26-81425 (16-11)
Xiuting, Liu	ICONE26-82313 (14-5)
Xu Dona, li	ICONE26-81789 (1-1)
	ICONE26-81588 (8-28)
	CONE26-82472 (14-5), ICONE26-82563 (14-5),
	ICONE26-82590 (14-1)
	ICONE26-82162 (6-7)
Xu Duoting	ICONE26-81384 (2-6)
Xu .lialong	ICONE26-81516 (2-4)
	ICONE26-81031 (8-32)
	CONE26-82364 (16-17), ICONE26-82435 (9-7)
	ICONE26-81268 (6-4), ICONE26-81609 (10-3)
	ICONE26-81595 (2-3)
	ICONE26-82296 (3-6)
	ICONE26-81885 (6-6), ICONE26-81960 (6-7)
	ICONE26-81540 (2-8), ICONE26-81541 (2-8)
Xu, Youyou	
	ICONE26-81128 (8-33), ICONE26-81212 (1-3),
	ICONE26-81480 (1-4)
	ICONE26-81367 (8-15)
	ICONE26-82380 (16-7)
	ICONE26-81547 (9-4)
	ICONE26-81285 (6-6), ICONE26-81378 (6-7)
	ICONE26-81370 (8-19)
	ICONE26-82230 (4-2)
Xujia, Luo	ICONE26-82056 (10-6)

Y

Yadav, Ashwini Kumar Yagyu, Motoshige ICONE26-81386	(6-4), ICONE26-81759 (6-4)
Yamada, AkiraICONE26-81386	(6-4), ICONE26-81759 (6-4)
Yamada, Koji	
Yamada, Yoshikazu	ICUNE26-81699 (8-6)
Yamagishi, Shohei Yamaguchi, AkiraICONE26-82205	
Yamaguchi, Yoshihito	
Yamaji, AkifumiICONE26-81501 (IUUNE20-02000 (3-9)
tailiaji, AkilulliiIGUNE20-01501 (
Yamakawa, Hirohisa	
Yamamoto, Keisuke	ICONE26-82675 (4-2)
Yamamoto, Yasunori	ICONE26-82545 (16-18)
Yamano, Hidemasa	ICONF26-81079 (14-1)
Yamashita, Susumu	
	ICONE26-82565 (9-10)
Yan, Changqi ICONE26-81554 (9-	9), ICONE26-82195 (16-11)
Yan, HeICONE26-82135 (3-	
Yan, Jiahong	ICONE26-82498 (4-1)
Yan, Meiyue	
Yan, Shi-YuICONE26-81879 (6	6-1), ICONE26-82453 (8-20)
Yan, Siwei	
Yan, Xiang	ICONE26-82303 (8-29)
Yan, Xiao	ICONE26-81583 (9-12)
Yan, Xing L.	
Yan, Xuesong	
Yan, XunshiICONE26-81293	
Yanagihara, Satoshi	ICONE26-81228 (10-7),
V"	ICUNE26-825/2 (10-3)
Yanagihara, Seiji	
Yang, Changjiang Yang, Chao	
Yang, GuojunICONE26-81293 (
ICONE26-81336	
Yang, Hongyi	
Yang, Jiang	ICONE26-82146 (8-11)
Yang, Jie.	
Yang, Jue	ICONE26-82138 (7-3)
Yang, Lei	
Yang, Ruo bing	
Yang, Shouhai	
Yang, Shulin	ICONE26-81826 (15-2)
Yang, WankuiICONE26-81169 (2	
Yang, Wenchao	
Yang, Xiao-huaICONE26-81486 (4-2), ICONE26-81879 (6-1),
Yang, Xiaojie	
Yang, Xiaoming	
Yang, Xiaoyan	ICONE26-82308 (3-4)

Yang, Xiaoyong.	
Yang, Xie	
Yang, Xing-Tuan	
9,9	
ICONE26-81748 (9-5	
,	ICONE26-82223 (8-5)
Yang, YapengICONE26-81885 (6	
Yang, Yi	ICONE26-81392 (2-7)
Yang, Yichen ICONE26-81757 (16-	15), ICONE26-81917 (5-3)
Yao, Cunfeng	ICONE26-81329 (5-1)
Yao, Yi	ICONE26-82630 (8-36)
Yasko, Alexander	
Yasuda, Nakahiro	
Yasuteru, Sibamoto	ICONE26-81638 (8-13),
Ye, Minyou	ICONE26-81973 (8-23)
Ye, PingICONE26-81561 (13-3	
Ye, Ting-pu.	ICUNE26-81435 (16-16)
Ye, Xianhui	ICUNE26-81279 (3-12)
Yeomans, Julie	
Yijun, Xu Yildiz, Mustafa A.	
Yin, Huagiang	
Yin, JunlianICONE26-81398 (9-	
Yin, Shasha	
Yin, Zaizhe	
Yingzhi, Li	
Yinxing, Zhang	
Yonomoto, Taisuke	
	ICONE26-82491 (8-27)
Yoo, Jongsung	ICONE26-81621 (2-1)
Yoo, Seung Chang	
Yoo, Youngik	
Yoshida, Hiroyuki	
ICONE26-82088 (9-9	
W. Ett. IP I	
Yoshida, Hiroyuki	
Yoshikawa, Hidekazu Yoshioka, Kenichi	
Yoshioka, Naoki	
You, Jeong Ha.	ICONE26-82421 (5-1)
You, Qi	
Youjie, Zhang	ICONE26-82559 (9-14)
Youjie, Zhang Youn, Young-Jung Yousefi, Mostafa	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7)
Youjie, Zhang Youn, Young-Jung	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-82352 (2-1)
Youjie, Zhang Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang Yu, Du	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-82352 (2-1) ICONE26-81478 (1-1)
Youjie, Zhang Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-8252 (16-7) ICONE26-814183 (1-2) ICONE26-82352 (2-1) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7)
Youjie, Zhang	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-82352 (2-1) ICONE26-81478 (1-1) ICONE26-82494 (16-7) ICONE26-82499 (6-5)
Youjie, Zhang Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang Yu, Du Yu, Bu ICONE26-81140 (2-7 Yu, Hao Yu, Heng	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-82352 (2-1) ICONE26-81478 (1-1) ICONE26-82494 (16-7) ICONE26-82494 (16-7) ICONE26-814755 (14-3)
Youjie, Zhang	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81478 (1-1) ICONE26-81478 (1-7) ICONE26-82494 (16-7) ICONE26-82699 (6-5) 4), ICONE26-81755 (14-3) ICONE26-81442 (8-31)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, Heng	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81478 (1-1) ICONE26-81478 (1-1) ICONE26-82494 (16-7) ICONE26-82494 (16-7) ICONE26-81755 (14-3) ICONE26-81442 (8-31) ICONE26-8132 (2-8)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, Heng	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-82494 (16-7) ICONE26-81755 (14-3) ICONE26-81442 (8-31) ICONE26-82132 (2-8) 8), ICONE26-81339 (4-1),
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang Yu, Du Yu, GanglinICONE26-81140 (2-' Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, Jiapei. Yu, JinpengICONE26-81132 (3-	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-821832 (2-1) ICONE26-82352 (2-1) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-8269 (6-5) 4), ICONE26-8155 (14-3) ICONE26-81442 (8-31) ICONE26-81332 (2-8) 8), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81375 (3-8)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, Heng	ICONE26-82559 (9-14)ICONE26-82606 (8-20)ICONE26-82632 (16-7)ICONE26-81183 (1-2)ICONE26-81478 (1-1)ICONE26-81478 (1-1)ICONE26-81478 (1-1)ICONE26-8269 (6-5) 4), ICONE26-81555 (14-3)ICONE26-81442 (8-31)ICONE26-81332 (2-8)ICONE26-81339 (4-1)ICONE26-81335 (3-8)ICONE26-81355 (3-8)ICONE26-81355 (9-9)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, Jiapei Yu, JinpengICONE26-81132 (3-3 Yu, Shengzhi Yu, Shimo Yu, SuyuanICONE26-81792 (16-3)	ICONE26-82559 (9-14)ICONE26-82006 (8-20)ICONE26-82532 (16-7)ICONE26-82183 (1-2)ICONE26-81183 (1-2)ICONE26-81478 (1-1)ICONE26-82494 (16-7)ICONE26-81755 (14-3)ICONE26-81755 (14-3)ICONE26-81332 (2-8)ICONE26-81339 (4-1),ICONE26-81339 (4-1),ICONE26-81354 (9-12)ICONE26-81583 (9-12),ICONE26-81583 (9-12),ICONE26-82347 (16-22)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, Jiapei. Yu, JinpengICONE26-81132 (3-	ICONE26-82559 (9-14)ICONE26-82006 (8-20)ICONE26-82532 (16-7)ICONE26-82183 (1-2)ICONE26-81183 (1-2)ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7)ICONE26-81755 (14-3)ICONE26-81755 (14-3)ICONE26-81329 (2-8)ICONE26-81339 (4-1),ICONE26-81339 (4-1),ICONE26-81339 (4-1),ICONE26-81583 (9-12)ICONE26-82347 (16-22)ICONE26-82047 (16-18)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, JinpenjICONE26-81132 (3-3 Yu, Shengzhi Yu, Shimo Yu, Shimo Yu, SuyuanICONE26-81792 (16-3) Yu, Xiaofei	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-82532 (2-1) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (1-7) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81442 (8-31) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81534 (9-9) ICONE26-81583 (9-12) ICONE26-8247 (16-22) ICONE26-82947 (16-18) ICONE26-82047 (16-18) ICONE26-82047 (16-18)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-5 Yu, Hao	ICONE26-82559 (9-14)ICONE26-82632 (16-7)ICONE26-82532 (16-7)ICONE26-821832 (2-1)ICONE26-81183 (1-2)ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-8155 (14-3)ICONE26-8155 (14-3)ICONE26-81442 (8-31)ICONE26-81339 (4-1),ICONE26-81339 (4-1),ICONE26-81554 (9-9)ICONE26-81583 (9-12)ICONE26-81583 (9-12)ICONE26-82047 (16-28)ICONE26-81278 (3-10)ICONE26-81278 (3-10)ICONE26-81278 (3-10)
Youjie, Zhang	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-82532 (2-1) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81555 (14-3) ICONE26-81442 (8-31) ICONE26-81332 (2-8) 8), ICONE26-81332 (2-8) ICONE26-81339 (4-1), ICONE26-81554 (9-9) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-82047 (16-22) ICONE26-81278 (3-10) ICONE26-81332 (14-1) ICONE26-81333 (14-1)
Youjie, Zhang	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-2) ICONE26-81478 (1-1) .3), ICONE26-82494 (16-7) ICONE26-82494 (16-7) ICONE26-81478 (1-1) ICONE26-81555 (14-3) ICONE26-81332 (2-8) ICONE26-81332 (2-8) ICONE26-81339 (4-1), ICONE26-81554 (9-9) ICONE26-81583 (9-12) ICONE26-82347 (16-22) ICONE26-82347 (16-22) ICONE26-81032 (14-1) ICONE26-81032 (14-1) ICONE26-81032 (14-1) ICONE26-81032 (14-1) ICONE26-81032 (14-1) ICONE26-81441 (15-3) -3), ICONE26-82418 (9-7)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, Jiapei Yu, JinpengICONE26-81132 (3-14 Yu, Shengzhi Yu, Shimo Yu, SuyuanICONE26-81792 (16-3) Yu, Xiang Yu, Xiaofei Yu, Xinli Yu, YingruiICONE26-81892 (9 Yuan, Anmin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82032 (16-7) ICONE26-82183 (16-7) ICONE26-81183 (1-2) ICONE26-81478 (1-1) ICONE26-81478 (1-1) ICONE26-81478 (1-7) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81332 (2-8) ICONE26-81339 (4-1) ICONE26-81339 (4-1) ICONE26-81375 (3-8) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81247 (16-18) ICONE26-81278 (3-10) ICONE26-81032 (14-1) ICONE26-81441 (15-3) ICONE26-81441 (15-3) ICONE26-81441 (15-3) ICONE26-81191 (9-10)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, JinpengICONE26-81132 (3- Yu, Shengzhi Yu, Shimo Yu, SuyuanICONE26-81792 (16-3) Yu, Xiang Yu, Xiaofei Yu, Xinli Yu, YingruiICONE26-81892 (9 Yuan, Anmin Yuan, Baoxin ICONE26-81169 (2-12	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (6-5) 4), ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (9-12) ICONE26-81583 (9-12) ICONE26-82047 (16-18) ICONE26-82047 (16-18) ICONE26-81441 (15-3) ICONE26-81441 (15-3) ICONE26-81418 (9-7) ICONE26-81191 (9-10) .), ICONE26-81191 (9-10)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, Hongxing Yu, JinpenjICONE26-81132 (3-3 Yu, Shengzhi	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82032 (16-7) ICONE26-82532 (2-1) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (1-1) 3), ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (2-8) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81538 (9-12) ICONE26-81583 (9-12) ICONE26-82347 (16-22) ICONE26-82047 (16-18) ICONE26-81032 (14-1) ICONE26-81032 (14-1) ICONE26-81418 (9-7) ICONE26-81191 (9-10) ICONE26-81170 (2-12), ICONE26-81770 (2-4)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-82532 (2-1) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81442 (8-31) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81554 (9-9) ICONE26-81538 (9-12) ICONE26-81538 (9-12) ICONE26-81638 (9-12) ICONE26-81247 (16-22) ICONE26-81218 (3-10) ICONE26-81032 (14-1) 4), ICONE26-81919 (9-10) ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-81170 (2-12), ICONE26-81709 (2-4) ICONE26-81709 (2-4) ICONE26-81609 (10-3)
Youjie, Zhang	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-82532 (21-7) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81555 (14-3) ICONE26-81442 (8-31) ICONE26-81332 (2-8) 8), ICONE26-81332 (2-8) 8), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81554 (9-9) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81278 (3-10) ICONE26-81332 (14-1) 4), ICONE26-81131 (9-1) ICONE26-81191 (9-10) .), ICONE26-811170 (2-12), ICONE26-81170 (2-1) ICONE26-81609 (10-3)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, Jiapei Yu, JinpengICONE26-81132 (3- Yu, Shengzhi Yu, Shimo Yu, SuyuanICONE26-81792 (16-3) Yu, Xiang Yu, Xiaofei Yu, Xinli Yu, YingruiICONE26-81892 (9 Yuan, Anmin Yuan, BaoxinICONE26-81169 (2-12 Yuan, Biao. Yuan, Dongdong Yuan, Guangwei	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-2) ICONE26-81478 (1-1) ICONE26-81478 (1-1) ICONE26-81478 (1-7) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81332 (2-8) ICONE26-81339 (4-1) ICONE26-81339 (4-1) ICONE26-81339 (4-1) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81278 (3-10) ICONE26-81278 (3-10) ICONE26-81414 (15-3) ICONE26-81411 (15-3) ICONE26-81191 (9-10) ICONE26-81170 (2-12) ICONE26-811709 (2-4) ICONE26-81609 (10-3) ICONE26-81609 (10-3) ICONE26-81126 (16-1) ICONE26-81519 (2-5)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (1-7) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81538 (9-12) ICONE26-81583 (9-12) ICONE26-82047 (16-18) ICONE26-82047 (16-18) ICONE26-81032 (14-1) 4), ICONE26-811032 (14-1) 4), ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-81709 (2-4) ICONE26-81609 (10-3) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81609 (10-3) ICONE26-81609 (10-3) ICONE26-81519 (2-5) 3), ICONE26-81519 (2-5)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, GanglinICONE26-81140 (2-3 Yu, Hao Yu, HengICONE26-81313 (8-14 Yu, Hongxing Yu, Jiapei Yu, JinpengICONE26-81132 (3- Yu, Shengzhi Yu, Shimo Yu, SuyuanICONE26-81792 (16-3) Yu, Xiang Yu, Xiaofei Yu, Xinli Yu, YingruiICONE26-81892 (9 Yuan, Anmin Yuan, BaoxinICONE26-81169 (2-12 Yuan, Biao. Yuan, Dongdong Yuan, Guangwei	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-82183 (16-7) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (1-1) 3), ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (2-8) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-8138 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81032 (14-1) 4), ICONE26-81032 (14-1) 4), ICONE26-8141 (15-3) ICONE26-81419 (9-10) .), ICONE26-81191 (9-10) .), ICONE26-81191 (9-10) .), ICONE26-81626 (16-1) ICONE26-81226 (16-1) ICONE26-81226 (16-1) ICONE26-81519 (2-5) ICONE26-81476 (8-1)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-82132 (2-1) ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81442 (8-31) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81554 (9-9) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (16-22) ICONE26-81583 (16-22) ICONE26-81032 (14-1) 4), ICONE26-81032 (14-1) 4), ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-81170 (2-12), ICONE26-81609 (10-3) ICONE26-8126 (16-1) ICONE26-8126 (16-1) ICONE26-81476 (8-1) ICONE26-81476 (8-1) ICONE26-81480 (9-11) -4), ICONE26-81480 (9-11) -4), ICONE26-81480 (16-5)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-82532 (26-7) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81442 (8-31) ICONE26-81342 (2-8) 8), ICONE26-81342 (2-8) 8), ICONE26-81554 (9-9) ICONE26-81533 (9-12) ICONE26-81533 (9-12) ICONE26-81533 (9-12) ICONE26-81633 (9-12) ICONE26-81633 (9-14) 4), ICONE26-81719 (16-22) ICONE26-81919 (19-10) ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-81190 (2-4) ICONE26-81609 (10-3) ICONE26-81609 (10-3) ICONE26-81696 (9-11) ICONE26-81816 (9-11) ICONE26-81810 (16-5) ICONE26-81801 (16-5)
Youjie, Zhang. Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82606 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-2) ICONE26-81478 (1-1) 3), ICONE26-81478 (1-1) 3), ICONE26-8155 (14-3) ICONE26-8155 (14-3) ICONE26-81442 (8-31) ICONE26-81332 (2-8) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81554 (9-9) ICONE26-81554 (9-9) ICONE26-81583 (9-12), ICONE26-81583 (9-12), ICONE26-81583 (9-12) ICONE26-81278 (3-10) ICONE26-81179 (16-18) ICONE26-81191 (9-10) .), ICONE26-81190 (2-4), ICONE26-81609 (10-3) ICONE26-81519 (2-5) ICONE26-81476 (8-1) ICONE26-81401 (16-5) ICONE26-81301 (4-6), ICONE26-81303 (8-12)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-82133 (16-7) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (1-1) 3), ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81533 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81032 (14-1) 4), ICONE26-81032 (14-1) 4), ICONE26-81419 (19-10) .), ICONE26-81191 (9-10) .), ICONE26-81191 (9-10) .), ICONE26-81190 (2-4) ICONE26-81226 (16-1) ICONE26-81286 (16-1) ICONE26-81476 (8-1) ICONE26-81476 (8-1) ICONE26-81301 (4-6), ICONE26-81303 (8-12) ICONE26-82138 (8-19) ICONE26-82138 (8-19) ICONE26-81338 (8-13) ICONE26-81338 (8-13) ICONE26-81383 (8-13)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-82132 (2-1) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81755 (14-3) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81338 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81278 (3-10) ICONE26-81278 (3-10) ICONE26-81478 (9-7) ICONE26-81191 (9-10) .), ICONE26-81191 (9-10) .), ICONE26-81190 (2-12), ICONE26-81190 (2-12), ICONE26-81296 (16-1) ICONE26-8159 (2-5) ICONE26-81476 (8-1) ICONE26-81303 (8-12) ICONE26-81303 (8-13) ICONE26-81383 (8-13) ICONE26-81383 (8-13) ICONE26-81497 (16-16), ICONE26-81497 (16-16)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82006 (8-20) ICONE26-82006 (8-20) ICONE26-82532 (16-7) ICONE26-82132 (2-1) ICONE26-81478 (1-1) 3), ICONE26-82494 (16-7) ICONE26-81478 (1-1) 3), ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81442 (8-31) ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (4-1), ICONE26-81339 (1-1), ICONE26-81538 (9-1) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (9-12) ICONE26-81583 (16-12) ICONE26-81032 (14-1) 4), ICONE26-81032 (14-1) 4), ICONE26-81191 (9-10) .), ICONE26-81191 (9-10) .), ICONE26-81190 (2-12), ICONE26-81170 (2-12), ICONE26-8159 (2-5) ICONE26-8159 (10-3) ICONE26-81591 (2-5) ICONE26-81301 (4-6), ICONE26-81303 (8-12) ICONE26-81303 (8-12) ICONE26-81303 (8-12) ICONE26-81489 (16-16), ICONE26-81303 (8-12) ICONE26-81489 (16-16), ICONE26-81489 (16-16), ICONE26-81489 (8-1) ICONE26-81303 (8-12) ICONE26-81489 (16-16), ICONE26-81497 (16-16), ICONE26-81497 (16-16), ICONE26-81499 (8-6)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-1) ICONE26-81478 (1-1) ICONE26-81478 (1-1) ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81342 (2-8) ICONE26-81342 (2-8) ICONE26-81554 (9-9) ICONE26-81533 (9-12) ICONE26-81534 (9-9) ICONE26-81534 (16-22) ICONE26-81534 (16-22) ICONE26-81218 (3-10) ICONE26-81218 (3-10) ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-81190 (2-4) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81801 (16-5) ICONE26-81301 (4-6) ICONE26-81301 (4-6) ICONE26-81301 (4-6) ICONE26-81303 (8-12) ICONE26-81303 (8-12) ICONE26-81303 (8-12) ICONE26-81497 (16-16) ICONE26-81497 (16-16) ICONE26-81499 (16-6) ICONE26-81499 (16-6) ICONE26-81499 (16-6) ICONE26-81499 (16-16) ICONE26-81497 (16-16) ICONE26-81499 (16-16) ICONE26-81499 (16-16) ICONE26-81499 (16-16) ICONE26-81497 (16-16) ICONE26-814752 (8-27)
Youjie, Zhang. Youn, Young-Jung Yousefi, Mostafa Yu-chen, Yuan Yu, Chenggang. Yu, Du Yu, Ganglin	ICONE26-82559 (9-14) ICONE26-82632 (16-7) ICONE26-82532 (16-7) ICONE26-82532 (16-7) ICONE26-81183 (1-2) ICONE26-81183 (1-1) ICONE26-81478 (1-1) ICONE26-81478 (1-1) ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81555 (14-3) ICONE26-81342 (2-8) ICONE26-81342 (2-8) ICONE26-81554 (9-9) ICONE26-81533 (9-12) ICONE26-81534 (9-9) ICONE26-81534 (16-22) ICONE26-81534 (16-22) ICONE26-81218 (3-10) ICONE26-81218 (3-10) ICONE26-81191 (9-10) ICONE26-81191 (9-10) ICONE26-81190 (2-4) ICONE26-81519 (2-5) ICONE26-81519 (2-5) ICONE26-81801 (16-5) ICONE26-81301 (4-6) ICONE26-81301 (4-6) ICONE26-81301 (4-6) ICONE26-81303 (8-12) ICONE26-81303 (8-12) ICONE26-81303 (8-12) ICONE26-81497 (16-16) ICONE26-81497 (16-16) ICONE26-81499 (16-6) ICONE26-81499 (16-6) ICONE26-81499 (16-6) ICONE26-81499 (16-16) ICONE26-81497 (16-16) ICONE26-81499 (16-16) ICONE26-81499 (16-16) ICONE26-81499 (16-16) ICONE26-81497 (16-16) ICONE26-814752 (8-27)

Yule, Mike	ICONE26-81311 (13-1)
Yun, Di	ICONE26-81295 (2-10)
Yushou, Song	ICONE26-82098 (2-10), ICONE26-82101 (2-2)

Z		
_	. 12	100NE00 00400 (40 00)
		ICONE26-82400 (16-22)
Zamai, Herima	L	ICONE26-81054 (6-2) 1), ICONE26-81564 (8-1),
Zan, ruameng	JIUUNE20-011U7 (0-	ICONE26-81752 (8-27)
Zanino Pohor	+o ICONESS 83330 (8.1	ICONE26-61752 (6-27) 39), ICONE26-82416 (5-6)
		ICONE26-81215 (16-6)
Zavorka, Jili	†	ICONE26-81602 (8-32)
		ICONE26-81215 (16-6)
		ICONE26-81558 (8-33)
		ICONE26-82044 (3-11)
		2), ICONE26-81170 (2-12)
		ICONE26-82026 (10-1)
		ICONE26-81295 (2-10)
		2), ICONE26-82478 (8-29)
		ICONE26-81933 (8-35)
		ICONE26-81343 (9-12)
		4), ICONE26-82493 (6-10)
		D), ICONE26-81600 (8-23)
Zhang, Caike		ICONE26-81122 (4-5)
Zhang, Can	ICONE26-82065 (3-1	11), ICONE26-82128 (3-9)
		7), ICONE26-81539 (5-5),
), ICONE26-81563 (8-38),
), ICONE26-81630 (8-38),
		ICONE26-81757 (16-15),
		3), ICONE26-81994 (16-3)
		ICONE26-81736 (11-1)
Zhang, Dongh	ıui	ICONE26-81624 (5-3)
		ICONE26-81399 (14-2)
		3), ICONE26-82402 (9-14)
Zhang, Huang	ICONE26-81214 (3-	6), ICONE26-81281 (3-6),
3,		ICONE26-81475 (8-6)
		5), ICONE26-82563 (14-5)
		9), ICONE26-81885 (6-6),
		7), ICONE26-81960 (6-7),
		1), ICONE26-82151 (6-9),
		2), ICONE26-82291 (10-6)
		ICONE26-81222 (13-5)
		ICONE26-81520 (6-9)
		ICONE26-81583 (9-12)
Zhang, Kaihor	าต	ICONE26-81174 (2-11)
		ICONE26-81626 (16-3)
		6), ICONE26-81189 (6-8),
		ICONE26-81254 (5-2)
Zhang, Lijun	ICONE26-81268 (6-4	4), ICONE26-81609 (10-3)
		ICONE26-82498 (4-1)
Zhang, Luteng]	ICONE26-81367 (8-15)
Zhang, Mengv	wei	ICONE26-81296 (8-4)
		5), ICONE26-82563 (14-5)
Zhang, Ming		ICONE26-81899 (11-2)
Zhang, Mingh	ui	ICONE26-81581 (8-28)
Zhang, Qian	ICONE26-81041 (2	-5), ICONE26-81507 (2-4)
Zhang, Qin	ICONE26-81243 (16-13), ICONE26-81291 (14-2),
	ICONE26-81484 (6-1	1), ICONE26-81636 (14-3)
Zhang, Qinfan	g	ICONE26-81399 (14-2),
		ICONE26-81822 (14-3)
		4), ICONE26-81936 (1-2),
		-2), ICONE26-82327 (6-9)
		ICONE26-81874 (16-12)
		ICONE26-81480 (1-4)
Zhang, Shuai		ICONE26-81067 (6-8)
		ICONE26-81271 (13-4)
		ICONE26-81169 (2-12),
		ICONE26-81709 (2-4)
		ICONE26-81295 (2-10)
		ICONE26-81279 (3-12)
		ICONE26-81101 (9-12)
		ICONE26-81816 (5-5)
		ICONE26-81575 (1-1)
		ICONE26-82204 (8-30)
		ICONE26-81973 (8-23)
		ICONE26-81397 (11-4)
Zhang, Xunch	ao	ICONE26-81474 (2-7)
		ICONE26-82132 (2-8)
Zhang, Yaling.		ICONE26-81474 (2-7)
Zhang, Yan		ICONE26-81844 (8-27)
Zhang, Yapei	ICONE26-81367 (8-15), ICONE26-81400 (16-8),
), ICONE26-81844 (8-27),
	100NE00 04000 (0 E	i), ICONE26-81994 (16-3),
		1), 100NE20-01334 (10-3), 100NE26-82267 (8-24)

ICONE26-81311 (13-1)	Zhang, Yi Wang	ICONE26-81301 (4-6)
ICONE26-81295 (2-10)	Zhang, Yiyang ICONE26-81229 (8-16)	
0), ICONE26-82101 (2-2)	Zhang, Yongdong	ICONE26-82191 (2-6)
	Zhang, Youjie	
	Zhang, Yue	
.ICONE26-82400 (16-22)	Zhang, Yuhao	ICONE26-82518 (8-19)
ICONE26-81054 (6-2)	Zhang, ZhenICONE26-81012 (8-2)	
1), ICONE26-81564 (8-1),	Zhang, Zhijian	
ICONE26-81752 (8-27)	Zhang, Zhijian	
39), ICONE26-82416 (5-6)	ICONE26-81284 (9-4),	
ICONE26-81215 (16-6)	ICONE26-82563 (14-5),	
ICONE26-81602 (8-32)	Zhang, ZhizhuICONE26-81205 (2-5	
ICONE26-81215 (16-6) ICONE26-81558 (8-33)	Zhang, Zuoyi	
ICONE26-82044 (3-11)	Zhao, Bin	
2), ICONE26-81170 (2-12)	Zhao, Chenru ICONE26-81012 (8-2),	
ICONE26-82026 (10-1)	Zhao, Fulong	
ICONE26-81295 (2-10)	Zhao, FuyuICONE26-81142 (4-4),	ICONE26-81239 (3-12)
2), ICONE26-82478 (8-29)	Zhao, GangICONE26-81252 (16-22),	
ICONE26-81933 (8-35)	21100, Gaily10011220 01202 (10 22),	
ICONE26-81343 (9-12)	Zhao, Hongsheng	
l), ICONE26-82493 (6-10)	Zhao, Jiaqing	
)), ICONE26-81600 (8-23) ICONE26-81122 (4-5)	Zhao, Jing	
1), ICONE26-82128 (3-9)	Zhao, JingICONE26-82242 (2-11),	
7), ICONE26-81539 (5-5),	Zhao, Jingjing	
), ICONE26-81563 (8-38),	Zhao, Jiyun ICONE26-81161 (12-2),	ICONE26-811/1 (11-2)
), ICONE26-81630 (8-38),	Zhao, Jun	ICUNE26-82636 (4-4)
ICONE26-81757 (16-15),	Zhao, LeiICONE26-81132 (3-8)	
3), ICONE26-81994 (16-3)	Zhao, MinfuICONE26-82207 (8-39),	
ICONE26-81736 (11-1)	Zhao, QiangICONE26-81041 (2-5)	
ICONE26-81624 (5-3)	Zhao, Qing	
ICONE26-81399 (14-2)	Zhao, Qingnan	
8), ICONE26-82402 (9-14) 6), ICONE26-81281 (3-6),	Zhao, Weining	
ICONE26-81475 (8-6)	Zhao, Wenbo	
i), ICONE26-82563 (14-5)	Zhao, Xiaohan	
9), ICONE26-81885 (6-6),	Zhao, Xu	
7), ICONE26-81960 (6-7),	Zhao, Yanan II	
1), ICONE26-82151 (6-9),	Zhao, Zhenxing ICONE26-81266 (8-2)	
e), ICONE26-82291 (10-6)	ICONE26-81332 (8-2)	
ICONE26-81222 (13-5)	Zhao, Zhumin	ICONE26-82613 (5-4)
ICONE26-81520 (6-9)	Zhen, Hongdong	
ICONE26-81583 (9-12) ICONE26-81174 (2-11)	Zhen, Jia	
ICONE26-81626 (16-3)	Zheng, Gangyang	
6), ICONE26-81189 (6-8),		
ICONE26-81254 (5-2)		
), ICONE26-81609 (10-3)	Zheng, Hua ICONE26-81983 (7-1),	
ICONE26-82498 (4-1)	71 01 10011500 00505 (0.40)	ICONE26-81986 (3-9)
ICONE26-81367 (8-15)	Zheng, Shu ICONE26-82595 (3-12),	
ICONE26-81296 (8-4)	Zheng, Xiaolei Zheng, Yangbo	
5), ICONE26-82563 (14-5)	Zheng, Yanhua	
ICONE26-81899 (11-2)	Zheng, Youqi.	
ICONE26-81581 (8-28) -5), ICONE26-81507 (2-4)	Zheng, Zeming.	
), ICONE26-81291 (14-2),	Zheng, Zheng	
), ICONE26-81636 (14-3)	Zhi, Zhang	ICONE26-81258 (10-9)
ICONE26-81399 (14-2),	Zhichao, Zhang	
ICONE26-81822 (14-3)	Zhong, Chenghuan	
4), ICONE26-81936 (1-2),	Zhong, Dawen	ICUNE26-82605 (9-7)
-2), ICONE26-82327 (6-9)	Zhong, Mingjun	
ICONE26-81874 (16-12)	Zhong, Mingjun	
ICONE26-81480 (1-4)	Zhong, Minxiao	
ICONE26-81067 (6-8) ICONE26-81271 (13-4)	Zhou, Chunguan	
ICONE26-81169 (2-12),	Zhou, GuangLai	
ICONE26-81709 (2-4)	Zhou, Jian	
ICONE26-81295 (2-10)	Zhou, Man	
ICONE26-81279 (3-12)	Zhou, Ping	ICONE26-81174 (2-11)
ICONE26-81101 (9-12)	Zhou, Qin	
ICONE26-81816 (5-5)	Zhou, ShuqiaoICONE26-81300 (4-6)	
ICONE26-81575 (1-1)	Zhou Too	
ICONE26-82204 (8-30)	Zhou, Taotao	
ICONE26-81973 (8-23)	Zhou, Taotao	
ICONE26-81397 (11-4) ICONE26-81474 (2-7)	Zhou, Wen-xiong	
ICONE26-82132 (2-8)	Zhou, Wenheng	
ICONE26-81474 (2-7)	Zhou, Wenzhong	
ICONE26-81844 (8-27)		
), ICONE26-81400 (16-8),		ICONE26-81818 (9-10)
), ICONE26-81844 (8-27),	Zhou, Xingtai	ICONE26-82065 (3-11)
), ICONE26-81994 (16-3),	Zhou, Ya	ICONE26-81299 (9-12)
ICONE26-82267 (8-24)	Zhou, Yan	ICONE26-81375 (3-8)

		ICONE26-	
		ICONE26-8	
		ICONE26-	
		075 (8-2), ICONE26	
		3 (16-14), ICONE26	
		ICONE26-	
		ICONE26-	
Zhou, Zhenxu		ICONE26-8	1243 (16-13),
		ICONE26-	
		84 (6-1), ICONE26-	
Zhou, Zhiwei	ICONE26-82	030 (5-3), ICONE26	5-82268 (8-9)
Zhu, Fengjie		ICONE26	6-82042 (5-7)
		ICONE26-	
Zhu, Haishan		ICONE26-	81779 (16-4)
Zhu, Lina		ICONE26-	-81652 (8-16)
		ICONE26-	
Zhu, Wentao	ICONE26-8103	2 (14-1), ICONE26-	82095 (14-4)
Zhu, Yanlei		ICONE26	5-81329 (5-1)
Zhu, Yiming		ICONE26-	-82020 (8-19)
Zhu, Zhiqiang .		ICONE26-8	32195 (16-11)
Zhuang, Dajie	ICONE26-8145	51 (6-9), ICONE26-	82009 (2-11),
		151 (6-9), ICONE26	
		ICONE26-	
Zhuang, Lin		ICONE26	5-81936 (1-2)
Zhuang, Miao .		ICONE26	5-81212 (1-3)
Zili, Gong		ICONE26-	82239 (13-4)
Zolfaghari, A		ICONE26-	-82532 (16-7)
Zou, Chunyan .		ICONE26	5-82352 (2-1)
		ICONE26-	
		516 (2-4), ICONE26	
		ICONE26-	
		929 (3-4), ICONE26	
		ICONE26	
Zvorykin, Alexai	nder	ICONE26-8	1608 (16-18),
		ICONE26-	
		ICONE26-	
Zvorykina, Anas		ICONE26-	-81045 (16-2)

Session Index

	ations & Maintenance, Engineering, Modific	cations,	6-9	Radioactive Material Transport and Management	Thursday July 26
	extension, Life Cycle and Balance of Plant		6-10	Security of SMRs and Advanced Reactors II	Thursday July 26
1-1 System Transient Analysis Monday July 23			Code	s, Standards, Licensing, and Regulatory Iss	PILOS
1-2	Equipment Reliability	Tuesday July 24	7-1	Regulatory Interactions with Codes and Standards	
1-3	Equipment and System Design	Monday July 23	7-1	Regulatory Interactions with Codes and Standards	
1-4	System and Equipment Operation	Sunday July 22	7-2 7-3	New Methodology for Codes and Standards	Tuesday July 24
1-5	Equipment Operation and Failure Analysis	Thursday July 26	7-3 7-4	The Importance of Codes and Standards	Tuesday July 24
Nucle	ear Fuel and Material, Reactor Physics and	Transport	7- 4 7-5	Personnel Certifications, Regulatory Influence,	lucsuay July 24
Theor	· · · · · · · · · · · · · · · · · · ·	nansport	7-5	· · · · · · · · · · · · · · · · · · ·	Wednesday July 25
2-1	Nuclear Fuel Safety and Performance Analysis I	Monday July 23		and computer codes	Wednesday July 25
2-2	Reactor Physics: Sensitivity and Uncertainty Analysis		Theri	mal-Hydraulics and Safety Analyses	
2-3	Reactor Physics: Monte Carlo Methods and	is Monday July 23	8-1	Boiling Heat Transfer and Behavior I	Monday July 23
2-0	Calculations I	Tuesday July 24	8-2	Supercritical Fluids I	Tuesday July 24
2-4	Reactor Physics: Methodology Development I	Sunday July 22	8-3	Severe Accident Experiments and Analyses I	Thursday July 26
2-4	Reactor Physics: Methodology Development II	Sunday July 22	8-4	Severe Accident Experiments and Analyses II	Thursday July 26
2-6	Nuclear Fuel Safety and Performance Analysis IV	Tuesday July 24	8-5		Wednesday July 25
2-7	Future Reactor Concepts and Innovative	lucsuay July 24	8-6	Thermal-hydraulic Experiments I	Thursday July 26
Z -1	Nuclear Applications	Thursday July 26	8-7	Thermal-hydraulic Modeling:	, ,
2-8	Zirconium-based Materials and Zirconium	Thursday July 20		1st Principle Physics and Correlations I	Thursday July 26
2-0	Compounds	Sunday July 22	8-9		Wednesday July 25
2-10	Nuclear Fuel Safety and Performance Analysis II	Sunday July 22	8-11		Wednesday July 25
2-10	Nuclear Fuel Safety and Performance Analysis III	Thursday July 26	8-12	Scaling and Seismic:	, ,
2-12	Reactor Physics: Methodology Development III	Sunday July 22		Methodology, Development, and Application	Wednesday July 25
2-12	neactor r mysics. Wethodology Development in	Juliuay July 22	8-13	Aerosols and Spent Fuel Pool Related	, ,
Plant	Systems, Structures, Components and Ma	terials		·	Wednesday July 25
3-3	Design Analyses I	Thursday July 26	8-14	Core Experiments, Phenomena, and Modeling	Thursday July 26
3-4	Design Analyses II	Thursday July 26	8-15	Natural Circulation Experiments, Phenomena,	
3-6	Experimental Design	Monday July 23			Wednesday July 25
3-7		Wednesday July 25	8-16	Fluid-Structure Interactions:	
3-8	High Temperature Components I	Tuesday July 24		Experiments and Analyses	Wednesday July 25
3-9	High Temperature Components II	Tuesday July 24	8-19	Condensation Phenomena,	, ,
3-10		Wednesday July 25			Wednesday July 25
3-11	Materials for advanced reactors	Monday July 23	8-20	Equipment Design Studies I	Thursday July 26
3-12	Seismic and Transient Analyses	Thursday July 26	8-21		Wednesday July 25
3-13	Structural Materials	Thursday July 26	8-23		Wednesday July 25
			8-24	Advanced Reactors	Tuesday July 24
	imentation and Control (I&C) and Influence	e of	8-27	Boiling Heat Transfer and Behavior II	Thursday July 26
	an Factors		8-28	Supercritical Fluids II	Thursday July 26
4-1	Design and Reliability of DCS	Monday July 23	8-29	Thermal-hydraulic Experiments II	Thursday July 26
4-2	Safety of I&C Systems	Monday July 23	8-30	Thermal-hydraulic Experiments III	Thursday July 26
4-4	Control of SMR and Advanced Reactors	Tuesday July 24	8-31	Thermal-hydraulic Modeling:	
4-5		Wednesday July 25		1st Principle Physics and Correlations II	Thursday July 26
4-6	I &C Modeling and Software	Wednesday July 25	8-32	Thermal-hydraulic Modeling:	
Δdva	nced Reactors and Fusion Technologies			1st Principle Physics and Correlations III	Thursday July 26
5-1	Fusion Technology I	Monday July 23	8-33	Modeling NPPs Using System Analysis Software II	Thursday July 26
5-2	Fission Reactors Design and Analyses	Monday July 23	8-35	Modeling NPPs Using System Analysis Software IV	Thursday July 26
5-3		Wednesday July 25	8-36	Equipment Design Studies II	Thursday July 26
5-4		Wednesday July 25	8-38	Fast Reactors: Experiments and Analyses II	Thursday July 26
5-5	Fusion Technology II	Tuesday July 24	8-39	Thermal-hydraulic Modeling:	
5-6	Fission Reactors Design and Analyses II	Thursday July 26		1st Principle Physics and Correlations IV	Thursday July 26
5-7	Modeling and Simulation II	Thursday July 26	_		
J-1	Modeling and Simulation ii	Thursday July 20		outational Fluid Dynamics (CFD)	
Nucle	ear Safety, Security, and Cyber Security		9-1	Vibration Analysis	Tuesday July 24
6-1	Nuclear Safety	Monday July 23	9-2		Wednesday July 25
6-2	Nuclear Security- Security Culture	Monday July 23	9-3	Single-phase Fow	Sunday July 22
6-4	Nuclear Accidents I	Tuesday July 24	9-4	Thermal Mixing I	Tuesday July 24
6-5	Security of SMRs and Advanced Reactors I	Thursday July 26	9-5	Heat Transfer	Thursday July 26
6-6	Emergency Preparedness	Wednesday July 25	9-6	Bubbles	Tuesday July 24
6-7	Nuclear Accidents II	Thursday July 26	9-7	Flow Through Complex Structures I	Tuesday July 24
6-8	Radiation Source and Field Detection I	Wednesday July 25	9-8	Turbulent and Transient Flow	Tuesday July 24
		-			

9-9	Phase Change	Thursday July 26	Risk /	Assessments and Management	
9-10	Flow Through Complex Structures II	Thursday July 26	14-1	Risk Assessment and Management I	Vednesday July 25
9-11	Multi-phase Flow Analysis II	Wednesday July 25	14-2	Risk Assessment and Management II	Thursday July 26
9-12	Multi-phase Flow Analysis III	Thursday July 26	14-3	Risk Assessment and Management III	Thursday July 26
9-14	Thermal Mixing II	Wednesday July 25	14-4	Risk Assessment and Management IV	Thursday July 26
_			14-5	Risk Assessment and Management V	Thursday July 26
	ntamination & Decommissioning, Radiation	n Protection, and	_		
	e Management			uter Code Verification and Validation	
10-1	Radiation Detection and Protection	Tuesday July 24	15-1	Methodologies, Protocols, and	
10-2		Wednesday July 25		Strategies for Conducting V&V	Thursday July 26
10-3	Decommissioning and Sources	Thursday July 26	15-2	V&V of High Fidelity Numerical Tools	Thursday July 26
10-6	Dose and Radiation Effects	Thursday July 26	15-3	V&V of Systems Analysis Numerical Analysis Tools I	Thursday July 26
10-7	Decommissioning	Thursday July 26	15-5	V&V of Systems Analysis Numerical Analysis Tools III	Thursday July 26
10-9	D&D General Session I	Monday July 23			
10-10	D&D General Session II	Sunday July 22		nt Paper Competition	
B. # 14.1	-ti Otti f D Di Di		16-1	Advanced Reactors and Fusion Technologies	Tuesday July 24
_	ation Strategies for Beyond Design Basis E	vents	16-2	Computational Fluid Dynamics I	Monday July 23
11-1	Core Cooling, Core Degradation and		16-3	Computational Fluid Dynamics II	Monday July 23
	In-Vessel Melt Retention	Thursday July 26	16-4	Nuclear Components, Nuclear Waste and Radiation I	Tuesday July 24
11-2	Containment Issues:		16-5	Nuclear Components, Nuclear Waste and Radiation II	, ,
	Cooling, Hydrogen, Fission Products	Sunday July 22	16-6	Neutronics Analysis and Reactor Physics I	Sunday July 22
	Ex-Vessel Phenomena	Thursday July 26	16-7	Neutronics Analysis and Reactor Physics II	Monday July 23
11-4	Accident Analysis, Prevention and Mitigation	Thursday July 26	16-8	Nuclear Fuels and Materials I	Monday July 23
Nucle	ov Education and Dublic Assentance		16-10	Nuclear Fuels and Materials II	Tuesday July 24
	ar Education and Public Acceptance	Manaday July 00	16-11	Nuclear Safety and Accident Analysis I	Sunday July 22
12-1	Nuclear Education and Public Acceptance I	Monday July 23	16-12	Nuclear Safety and Accident Analysis II	Monday July 23
12-2	Nuclear Education and Public Acceptance II	Tuesday July 24	16-13	Nuclear Safety and Accident Analysis III	Monday July 23
Innov	ative Nuclear Power Plant Design and SMF	le	16-14	Thermalhydraulics I	Sunday July 22
13-1		Wednesday July 25	16-15	Thermalhydraulics II	Monday July 23
13-1		Wednesday July 25	16-16	Thermalhydraulics III	Monday July 23
13-2	Advanced Reactors I	Thursday July 26	16-17	Thermalhydraulics IV	Tuesday July 24
13-4	Advanced Reactors II	Thursday July 26	16-18	Thermalhydraulics V	Tuesday July 24
13-4 13-5	Molten Salt and Supercritical CO2 Cooled Reactors	, ,	16-22	Measurement, Instrument and Control II	Tuesday July 24
13-6	Small Modular Reactors II				
13-0	Siliali wodulai neactors II	Thursday July 26			



Nuclear Power Saves the World!

ICONE27: Nuclear Power Saves the World!

27th International Conference on Nuclear Engineering

May 19-24, 2019

Tsukuba International Congress Center Tsukuba, Ibaraki, Japan







ICONE 27 Call for Papers

"Nuclear Power Saves the World!"

27th International Conference on Nuclear Engineering • May 19-24, 2019 Tsukuba International Congress Center, Tsukuba, Ibaraki, Japan

Topics of Interest

A wide range of topics related to nuclear engineering will be covered using Keynote and Penary speakers and Panel Sessions. In particular, the conference will cover (but not limited to) the following topics:

Track 1	Operations & Maintenance, Engineering,		
	Modifications, Life extension, Life Cycle and Balance		
	of Plant		

Track 2	Nuclear Fuel and Material, Reactor Physics and
	Transport Theory

Track 3	Plant Systems, Structures, Components and
	Materials

Track 4	Instrumentation and Control (I&C) and Influence of
	Human Factors

Track 5	Advanced Reactors and Fusion Technologies
Track 6	Muclear Safety Security and Cyber Security

Track 11 Mitigation Strategies for Beyond Design Basis Events

Track 12 Nuclear Education and Public Acceptance

Track 13 Innovative Nuclear Power Plant Design and SMRs

Track 14 Risk Assessments and Management

Track 15 Computer Code Verification and Validation

Track 16 Student Paper Competition

Conference Chair Person:

Prof. Koji Okamoto (The University of Tokyo)

Contact Information:

The Japan Society of Mechanical Engineers (JSME)

E-mail: info@icone27.org (General)

Conference website: http://www.icone27.org/

Conference Venue (Tsukuba International Congress Center)

Publication Schedule

Technical Paper

•	Submission of Abstract	September 28, 2018
•	Author Notification of	
	Abstract Acceptance	October 26, 2018
•	Submission of Full-Length	
	Draft Paper for Review	November 30, 2018
•	Author Notification of	
	Draft Paper Acceptance	January 18, 2019
•	Submission of Revised Paper	February 1, 2019
•	Author Notification of	
	Revised Paper Acceptance	February 15, 2019
•	Submission of Copyright Agreement	March 1, 2019
•	Submission of Final Accepted Paper	March 1, 2019
•	Author Registration	March 1, 2019

Presentation Only (No Publication)

•	Submission of Extended Abstract	February 1, 2019
•	Author Notification of	
	Extended Abstract Acceptance	February 15, 2019
•	Submission of Final Extended Abstract	March 1, 2019
•	Author Registration	March 1, 2019

Elsevier Index / Special issue in MEJ

- The Elsevier indexes (Scopus and Compendex) will be given to the papers included in the ICONE27 proceedings.
- Special issue of ICONE27 will be published in Mechanical Engineering Journal (JSME). Details will be announced in the conference website.

Sponsored by







About ICONE

The International Conference on Nuclear Engineering (ICONE) is the premier global conference held by the contribution of numerous professionals from companies, governments, academias and technical societies. The focus of ICONE is on the technical state-of-the-art and the current status of nuclear power around the world. Through the ICONE student program, the conference also fosters the development of future nuclear professionals.

The Japan Society of Mechanical Engineers (JSME), American Society of Mechanical Engineers (ASME) and Chinese Nuclear Society (CNS) are jointly organizing the 27th International Conference on Nuclear Engineering (ICONE27) in 2019 at Tsukuba, Ibaraki, Japan, a follow-up to the successful meetings held in Tokyo (1991), San Francisco (1993), Kyoto (1995), New Orleans (1996), Nice (1997), San Diego (1998), Tokyo (1999), Baltimore (2000), Nice (2001), Washington (2002), Tokyo (2003), Washington (2004), Beijing (2005), Miami (2006), Nagoya (2007), Orlando (2008), Brussels (2009), Xi'an (2010), Osaka (2011), Anaheim (2012), Chengdu (2013), Prague (2014), Makuhari (2015), Charlotte (2016), Shanghai (2017), and London (2018).

Notes



Nuclear Power Institute of China

Nuclear Power Institute of China (NPIC), a subsidiary to China National Nuclear Corporation (CNNC), is the only large-scale comprehensive R&D base in China incorporating reactor engineering research, design, test, operation and small batch production. NPIC is praised as the Cradle of Nuclear Engineering in China by Wu Bangguo, Chairman of the National People's Congress of China.



High Flux Engineering Test Reactor



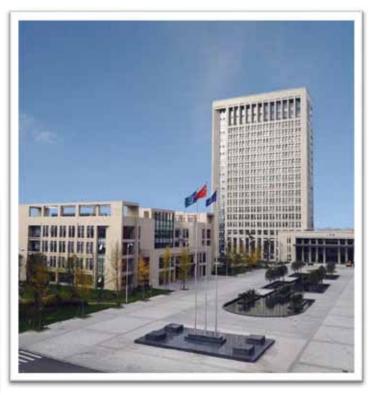
The Core of Minjiang Reactor

Since its foundation in 1965, NPIC has established a complete research and development system, including nuclear power engineering design, equipment assembly and supply of NSSS, reactor operation and application research, reactor engineering test and research, nuclear fuel and material, isotope production, nuclear technology application research and services, etc.



CF3 Fuel assembly





The GEN III Nuclear Power Engineering National Comprehensive Nuclear Power R&D Base



Since Westinghouse helped pioneer the nuclear industry with the world's first pressurized water reactor more than 60 years ago, we've remained committed to delivering innovative solutions for both future and existing clean energy markets.

Our research and development organization helps to cultivate our ever-growing portfolio of products and services to do so. The latest in development is the eVinci™ micro reactor. Particularly for remote locations, this next-generation, small nuclear energy generator is aimed at improving the reliability, resiliency and affordability of sustainable, low-maintenance power.

Our commitment to nuclear energy defines our combined efforts to deliver the most advanced nuclear technology, the most reliable nuclear fuel and the most innovative plant maintenance solutions.

Learn more about our pursuit of technical excellence and innovation at http://www.westinghousenuclear.com/About/Innovation.









