Materials Division 2025 News
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

MESSAGE FROM THE CHAIR

Dr. Hanqing Jiang, Chair (2024-2025)
ASME Materials Division
Westlake University

Greetings to the Materials Division community!

As my term as Chair of the Executive Committee (EC) of the ASME Materials Division draws to a close, I would like to take this opportunity to extend my heartfelt thanks to my fellow EC members for their dedication and hard work over the past year. Professor **Curt Bronkhorst** (Vice Chair, University of Wisconsin) led the Division Awards Committee; Professor **Huck Beng Chew** (Program Chair, University of Illinois Urbana-Champaign) and Professor **Erdogan Madenci** (Program Vice Chair, University of Arizona) organized the MD Track at **IMECE 2025**; Professor **Nanshu Lu** (Secretary, University of Texas at Austin) and Professor **Jianliang Xiao** (Member-at-Large, University of Colorado Boulder) diligently maintained our meeting records and coordinated this newsletter. It has been a great pleasure and privilege to work alongside such a distinguished group of researchers who have devoted their time and energy to advancing our Division's mission. I would also like to acknowledge the leaders of our MD Technical Committees for their dedicated service and their contributions to both the Division and the broader materials community.

Highlights of 2024–2025 Activities

• IMECE 2025

The ASME International Mechanical Engineering Congress and Exposition (IMECE) remains the central forum for Materials Division activities and a key gathering for our community. Through its Technical Committees, the Division continues to play an active role in organizing symposia and plenary sessions each year. For IMECE 2025, the Division organized Track 4: "Advanced Materials: Design, Processing, Characterization, and Applications." In total, MD sponsored or co-sponsored 18 symposia, featuring 118 presentations. A complete list of Track 4 symposia and organizers is included in this newsletter.

This year, the Division also launched a new **Future Faculty Symposium** (Tuesday, November 18, 2:45–6:30 PM). I hope this new tradition continues to grow and becomes a central platform for showcasing the outstanding work of our future faculty members.

• Plenary Lectures at IMECE 2025

We are excited to host two MD-sponsored plenary lectures in Track 4:

- **Dr. Samuel Forest**, *Centre des Matériaux, Mines Paris PSL University*
- **Dr. Ravi Mahajan**, *Intel Corporation*

The titles and abstracts of these plenary talks are included in this newsletter. Please join us for these inspiring sessions.

• Division and Society Awards

Each year, the Materials Division recognizes outstanding achievements through its Division- and Society-level awards. This year's recipients are:

- **Nadai Medal:** Prof. *Vikram Deshpande*, University of Cambridge
- **Materials Division Centennial Mid-Career Award:** Prof. *Thao (Vicky) Nguyen*, Johns Hopkins University
- **Sia Nemat-Nasser Early Career Award:** Prof. *Grace X. Gu*, University of California, Berkeley
- **Orr Family Early Career Award:** Prof. *Christos Athanasiou*, Georgia Institute of Technology

These and other honorees will be recognized during the **MD Awards Session** on **Wednesday, November 19, 3:00–5:00 PM**.

• Journals

The Materials Division proudly sponsors two ASME journals: the **Journal of Engineering Materials and Technology (JEMT)** and the **Journal of Engineering and Science in Medical Diagnostics and Therapy (JESMDT)**. I encourage all MD members to submit their high-quality research to these journals.

JEMT, led by Editor-in-Chief **Dr. Abigail Hunter** (Los Alamos National Laboratory), remains a premier venue for experimental, computational, and theoretical studies in the mechanics of materials. It advances understanding of metals, polymers, ceramics, composites, biomaterials, and nanostructured systems across multiple scales. We are also pleased to announce this year's **Orr Best Paper Award**, sponsored by JEMT, which goes to *M. Shafiqur Rahman, Chowdhury Sadid Alam, Mohammad Khairul Habib Pulok, Congyuan Zeng, and Uttam K. Chakravarty* of Louisiana Tech University.

JESMDT, under the leadership of founding Editor-in-Chief **Professor Ahmed Al-Jumaily** (Auckland University of Technology, New Zealand), continues to bridge the gap between engineering and clinical practice, facilitating the translation of engineering innovations into biomedical applications. Starting **July 2026**, **Dr. Linxia Gu** (Florida Institute of Technology) will assume the role of Editor-in-Chief. I want to express our deep appreciation to Professor Al-Jumaily for his outstanding leadership and warmly welcome Dr. Gu to this new role.

• Technical Committees

The Division's eight **Technical Committees** play a vital role in organizing timely and high-impact mini-symposia within Track 4 at IMECE 2025. The list of Technical Committees and their leaders is provided in this newsletter. I encourage all members to get involved and contribute to the committees aligned with their research interests.

Acknowledgments

I would also like to express my sincere appreciation to the ASME staff members whose support has been instrumental to the success of the Materials Division. Special thanks go to **April Tone**, Senior Manager of Technical & Engineering Communities (TEC) Operations at ASME and our primary liaison with ASME Headquarters. I also extend my gratitude to **Leila Persaud** and **Wilfred Haywood**, Administrators of Honors & Fellows, for their assistance throughout the process.

Leadership Transition

Shortly after IMECE 2025, **Professor Curt Bronkhorst** will assume the role of Chair of the MD Executive Committee. I am confident that the Division will continue to thrive under his capable leadership and the dedication of our EC members.

Please enjoy the many accomplishments of our community highlighted in this newsletter, and I look forward to seeing you all soon in Memphis!

Warm regards,

Hanqing Jiang
Chair, ASME Materials Division Executive Committee, 2024-2025
Westlake University
Hangzhou, Zhejiang
China

2025 Materials Division Awards Winners

The Nadai Medalist is awarded in recognition of significant contributions and outstanding achievements which broaden the field of materials engineering.

The 2025 Nadai Medalist is **Professor Vikram Deshpande**, University of Cambridge, for his pioneering work elucidating the mechanics of living cells and their organization during morphogenesis, bridging biological and mechanical sciences to uncover the physical principles guiding tissue formation.

Nadai Medal Lecture: *Mechanics of Living Cells and Their Organization During Morphogenesis.*
Wednesday, Nov. 19, 2025, 4:15 – 5:00 PM

The Sia Nemat-Nasser Early Career Award recognizes early-career researchers within 10 years of earning their Ph.D. for innovative work in mechanics and materials, with emphasis on under-represented groups.

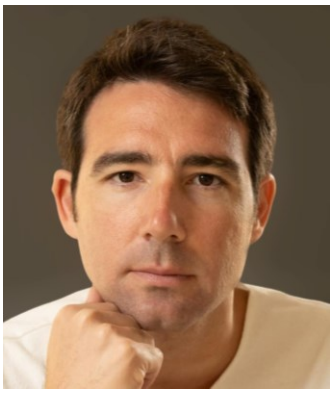
The 2025 Awardee is **Professor Grace X. Gu**, University of California, Berkeley, for trailblazing contributions in computational and experimental design of composite materials, particularly her creation of aperiodic monotile architectures that enable programmable mechanical responses in metamaterials.

Sia Nemat-Nasser Early Career Award Lecture: *Programming Composite Materials with Aperiodic Monotiles.*
Wednesday, Nov. 19, 2025, 3:25 – 3:45 PM

The Division Centennial Mid-Career Award honors researchers 10–20 years post-degree who have made impactful contributions at the interface of materials and mechanics.

The 2025 Awardee is **Professor Thao (Vicky) Nguyen**, Johns Hopkins University, for her groundbreaking contributions to computational modeling of dynamic polymerization and hydrogel mechanics, enabling predictive design of adaptive soft materials for biomedical and structural applications.

Centennial Mid-Career Award Lecture: *Computational Modeling of a Dynamic Polymerization DNA Hydrogel.*
Wednesday, Nov. 19, 2025, 4:15 – 5:00 PM



The Materials Division Orr Family Early Career Award recognizes outstanding research within seven years of the terminal degree in experimental, computational, or theoretical fatigue, fracture, or creep.

The 2025 Awardee is **Professor Christos Athanasiou**, Georgia Institute of Technology, for advancing lightning-speed fracture discovery methods that uncover the failure mechanics of polymers and recyclates, enabling data-driven understanding and sustainable design of next-generation materials.

Orr Early Career Award Lecture: *Lightning-Speed Fracture Discoveries: Unlocking Knowledge for Polymers and Recyclates.*
Wednesday, Nov. 19, 2025, 3:45 – 4:15 PM

Materials Division Sponsored Plenary Lectures at IMECE 2025

Plenary Talk I: Dynamic Strain Aging Phenomena in Engineering Metallic Alloys: Experiments, Modelling and Impact on Fracture Properties

Samuel Forest, *Centre des Matériaux, Mines Paris PSL University*
Track 4: *Advanced Materials: Design, Processing, Characterization & Applications*
Tuesday, Nov. 18, 2025, 8:00 – 8:45 AM

Dynamic strain aging (DSA) phenomena are ubiquitous in engineering metals and alloys and can occur in industrial components under in-service conditions, such as turbine disks in jet and helicopter engines. They result from the interaction of dislocations with diffusing solute atoms or precipitates. They are characterized by serrations on stress–strain curves, formation and propagation of plastic strain-rate bands along the specimen, and negative strain-rate sensitivity over a range of strain rates and temperatures. Experimental evidence will be provided for several classes of metals, including steels and nickel-base superalloys. Portevin–Le Chatelier (PLC) bands are observed at notches and crack tips and modeled using the Kubin–McCormick approach. Implicit finite-element simulations show the effect of strain aging on the bursting of turbine disks with increasing spinning rate. The PLC bands are still observed in metal-matrix composites where the particles act as scattering obstacles. 3D tomographic experiments, including digital-volume correlation, show a clear link between PLC bands generated at a crack tip and its ductile propagation. The DSA model is finally combined with the Rousselier model for the simulation of ductile crack propagation in CT specimens of steels and aluminum.

Plenary Talk II: Role of Advanced Packaging in Shaping the Semiconductor Industry

Ravi Mahajan, *Intel Corporation*
Track 4: *Advanced Materials: Design, Processing, Characterization & Applications*
Wednesday, Nov. 19, 2025, 9:15 – 10:00 AM

Heterogeneous Integration (HI) is a powerful and crucial enabler for the continued growth of computing and communication performance. Advanced packaging technologies are key to this evolution because they provide compact, power-efficient platforms that sustain the industry's scaling trajectory. This lecture will explore the tremendous opportunities that HI brings across various application environments and trace the projected evolution of advanced packaging architectures. Interest in HI research has surged in recent years, creating fertile ground for deeper collaboration between academia and industry. Specific examples will illustrate how product implementations leverage current HI technologies to achieve unprecedented performance levels, while addressing the challenges of designing robust next-generation package architectures. A broad roadmap—developed through industry-academic collaboration—will highlight upcoming opportunities in interconnect scaling, advanced materials, thermal management, and co-packaged optics, all of which are critical elements of the HI ecosystem and the future of semiconductor technology.

Track 4 at IMECE 2025 – Advanced Materials: Design, Processing, Characterization and Applications

The Materials Division Track Program at IMECE 2025 is organized by **Professor Huck Beng Chew** (Track Chair) and **Professor Erdogan Madenci** (Track Co-Chair). There are 29 technical sessions sponsored by the Division.
We are grateful for the considerable dedication of the organizers of the symposia, who are recognized below:

MONDAY, Nov. 17

04-05-01: Mechanical Metamaterials
10:20 AM – 12:05 PM
Session Chairs: A. B. M. Tahidul Haque, Jaehyung Ju.

04-06-01: AI for Heterogeneous Materials Design, Discovery, and Manufacturing I
10:20 AM – 12:05 PM
Session Chairs: Azadeh Sheidai.

04-06-02: AI for Heterogeneous Materials Design, Discovery, and Manufacturing II
1:40 PM – 3:25 PM
Session Chairs: Grace X. Gu.

04-07-01: Material Processing of Flexible/Emerging Electronics, Sensors, and Devices
3:45 PM – 5:30 PM
Session Chairs: Xueju "Sophie" Wang, Bo Li.

TUESDAY, Nov. 18

04-29-01: Modeling, Simulation, and Design of Multifunctional Materials
Tuesday, November 18, 9:05 AM – 10:50 AM
Session Chairs: Ling Liu.

04-24-01: Materials Processing and Characterization I
Tuesday, November 18, 9:05 AM – 10:50 AM
Session Chairs: Sridhar Santhanam, Ram Mohan.

04-27-01: ASME Materials Division Future Faculty Symposium I
Tuesday, November 18, 2:45 PM – 4:30 PM
Session Chairs: Cunjiang Yu, Qing Tu.

04-24-02: Materials Processing and Characterization II
Tuesday, November 18, 2:45 PM – 4:30 PM
Session Chairs: Raghu Prakash, Ram Mohan.

04-27-02: ASME Materials Division Future Faculty Symposium II
Tuesday, November 18, 4:45 PM – 6:30 PM
Session Chairs: Cunjiang Yu, Qing Tu.

04-24-03: Materials Processing and Characterization III
Tuesday, November 18, 4:45 PM – 6:30 PM
Session Chairs: Abiodun Fasoro, Anil Saigal.

WEDNESDAY, Nov. 19

04-05-02: Mechanical Metamaterials
10:20 AM – 12:05 PM
Session Chairs: Grace Gu, Jaehyung Ju.

04-22-01: Machine Learning-Based Modeling, Prediction, and Optimization of Advanced Manufacturing and Materials System with Multiphysical Phenomena

10:20 AM – 12:05 PM
Session Chairs: Qingchang Liu, Zhongshu Ren.

04-23-01: Process Development, Characterization, and Optimization for Additive, Subtractive, and Hybrid Manufacturing
10:20 AM – 12:05 PM
Session Chairs: Adrian S. Sabau, Majid Minary.

04-24-04: Materials Processing and Characterization IV
10:20 AM – 12:05 PM
Session Chairs: Ram V. Mohan, Raghu Prakash.

04-20-01: Bioinspired and Biomass-Derived Materials: Structures and Applications
2:15 PM – 4:00 PM
Session Chairs: Seyed Allameh, Travis Hu.

04-09-01: Design of Engineering Materials
2:15 PM – 4:00 PM
Session Chairs: Feruza A. Amirkulova, Sara Adibi.

04-26-01: Nanoengineered, Nano Modified, Hierarchical, Multi-Scale Materials and Structures
4:15 PM – 6:00 PM
Session Chairs: Ram Mohan, Bo Li.

04-18-01: Multifunctional Composites and Soft Materials
4:15 PM – 6:00 PM
Session Chairs: Weiyi Lu, Robert McCoy.

THURSDAY, Nov. 20

04-15-01: Modeling and Experiments of Materials Subject to Ballistic, Blast, and High-Strain-Rate Events
10:20 AM – 12:05 PM
Session Chairs: William Lawrimore, DeBorah Luckett.

04-21-01: Dynamics of Advanced Functional Materials and Structures
10:20 AM – 12:05 PM
Session Chairs: Akio Yonezu, Jun Xu.

04-12-01: Design of Materials and Discovery of Constitutive Models Linking Process-Structure-Property-Performance Relationships
2:00 PM – 3:45 PM
Session Chairs: Weidi Wang, Sara Adibi.

04-17-01: Functional Soft Composites — Design, Mechanics, and Manufacturing
2:00 PM – 3:45 PM
Session Chairs: Renee Zhao, H. Jerry Qi.

04-01-01: Advanced Materials for Energy
4:00 PM – 5:45 PM
Session Chairs: Hanyu (Larry) Cheng, Elham Sahraei.

04-12-02: Design of Materials and Discovery of Constitutive Models Linking Process-Structure-Property-Performance Relationships
4:00 PM – 5:45 PM
Session Chairs: Weidi Wang, Alireza Amirkhizi.

04-10-01: Design of Functional Materials and Structures for Emerging Technologies
4:00 PM – 5:45 PM
Session Chairs: Pei Dong, C. Chase Cao.

Materials Division Technical Committee at IMECE 2025

AMD/MD Joint Committee on Constitutive Equations
Monday, Nov. 17, 2:00 – 3:00 PM
Location: Jackson, 2nd FL

Materials for Biomimetic and Medical Applications
Monday, Nov. 17, 3:00 – 4:00 PM
Location: Jackson, 2nd FL

Composites and Heterogeneous Materials
Monday, Nov. 17, 4:00 – 5:00 PM
Location: Jackson, 2nd FL

Advanced Materials for Energy
Tuesday, Nov. 18, 5:00 – 6:00 PM
Location: Gatlinburg, 2nd FL

Materials Processing
Tuesday, Nov. 18, 6:00 – 7:00 PM
Location: Beale, 2nd FL

Electronic Materials
Tuesday, Nov. 18, 7:00 – 8:00 PM
Location: Gatlinburg, 2nd FL

Design of Engineering Materials
Wednesday, Nov. 19, 6:00 – 7:00 PM
Location: Knoxville, 2nd FL

Multifunctional Materials
Wednesday, Nov. 19, 7:00 – 8:00 PM
Location: Knoxville, 2nd FL

Additional Division Events

Materials Division Reception
Wednesday, Nov. 19, 5:00 – 7:00 PM
Location: Heritage I, 2nd FL

Materials Division Technical Committee and Executive Committee Joint Meeting
Thursday, Nov. 20, 10:00 AM – 12:00 PM
Location: Knoxville, 2nd FL

Spotlights on Journals

ASME Journal of Engineering Materials and Technology (JEMT)

Dr. Abigail Hunter, Deputy Director for the Institute of Materials Science, Los Alamos National Laboratory (LANL),

Editor-in-Chief of the **ASME Journal of Engineering Materials and Technology (JEMT**).

The Journal of Engineering Materials and Technology (JEMT) is a global publishing forum that serves the international and multidisciplinary solid mechanics and materials science community. The journal was established in 1973, has been associated with the Materials Division, and remains one of the oldest science and engineering journals focused on mechanics of materials and materials science.

The journal aims to disseminate novel research work that advances the fields of engineering materials, mechanics of materials, and materials technology. JEMT addresses a broad spectrum of issues focused on interrelated experimental, computational, and theoretical studies on the mechanics of materials. It also promotes a new fundamental understanding of the behavior of metals, polymers, ceramics, composites, biomaterials, and nanostructured materials at physical scales ranging from the atomistic to the macro. The journal's major objective is to continue publishing research of the highest quality and of lasting significance in these areas. The scope is broad, encompassing interdisciplinary research that spans fundamental knowledge—related to mechanics of materials, materials science, mathematics, and applied physics—as well as technological applications that support engineering innovations. The journal includes research articles, technical briefs, reviews, and special issues related to emerging areas. Our current impact factor is 1.9. If there are suggestions for special issues, review articles, or editorials, please feel free to contact me.

It is my honor to serve the research community and to work to advance new fundamental scientific and engineering knowledge. I look forward to continuing to strengthen the journal's reputation through the publication of groundbreaking, original research on engineering materials and technology. We have a diverse and internationally recognized board of leading researchers from around the world, extending the reach and impact of JEMT to a worldwide audience. The journal is always seeking new Associate Editors who can contribute to its mission and aims.

The JEMT website can be found at:
https://asmedigitalcollection.asme.org/materialstechnology

- **ASSOCIATE EDITORS**

Alireza V. Amirkhizi, Ph.D. (2028) University of Massachusetts - Lowell, USA
Antonia Antoniou, Ph.D. (2026) Georgia Institute of Technology, USA
Georges Ayoub, Ph.D. (2028) University of Michigan Dearborn, USA
Lei Cao, Ph.D. (2026) University of Nevada - Reno, USA
J. Brian Jordon, Ph.D. (2026) Baylor University, USA
Jaehyung Ju, Ph.D. (2026) Shanghai Jiao Tong University, China
Ram Mohan, Ph.D. (2028) North Carolina A&T State University, USA
Pania Newell, Ph.D. (2026) The University of Utah, USA
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Ankit Srivastava, Ph.D. (2026) Texas A&M University, USA
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Xiaoding Wei, Ph.D. (2027) Peking University, China
George Youssef, Ph.D. (2026) San Diego State University, USA
Wenbin Yu, Ph.D. (2027) Purdue University, USA

ASME Journal of Engineering and Science in Medical Diagnostics and Therapy (JESMDT)

Dr. Ahmed Al-Jumaily, Professor of Biomechanical Engineering, Auckland University of Technology, New Zealand,

Editor-in-Chief of the **ASME Journal of Engineering and Science in Medical Diagnostics and Therapy (JESMDT)**.

The journal seeks to bridge the gap between engineers and non-engineers and translate engineering knowledge into clinical applications in order to accelerate biomedical innovation, trial and commercialization. The Journal publishes original research focused on implementation of engineering and science principles in medical diagnostics, imaging, characterization, and therapy. It spans four primary areas where engineering impacts applied biomedicine: biotechnology in

pharmaceutics; clinical applications of biomaterials; biotechnology in clinical systems; and imaging, diagnostics, and therapeutics. We do encourage colleagues from the Materials Division to join the Editorial Board. The Journal has completed seven successful years with 7 volumes. The journal has been cited by several indices, including Scopus and Engineering Index.

The JESMDT website can be found at:
https://asmedigitalcollection.asme.org/medicaldiagnostics

- **ASSOCIATE EDITORS**

Samson Adejokun, Ph.D. (2027) Science Corp., USA
Mohammad Al-Rawi, Ph.D. (2025) Waikato Institute of Technology (Wintec), New Zealand
Amir Ali Amiri Moghadam, Ph.D. (2026) Kennesaw State University, USA
Christopher A. Bashur, Ph.D. (2026) Florida Institute of Technology, USA
Belkacemi Djelloul, Ph.D. (2027) UDES/CDER, Algeria
Shailesh Ganpule, Ph.D. (2025) Indian Institute of Technology Roorkee, India
Zhili Hao, Ph.D. (2025) Old Dominion University, USA
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Kunal Mitra, Ph.D. (2027) Florida Institute of Technology, USA
Subramanian Narayanan, Ph.D. (2027) Indian Institute of Technology Dhanbad, India
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Ramjee Repaka, Ph.D. (2025) Indian Institute of Technology Ropar, India
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Shine SR, Ph.D. (2027) Indian Institute of Space Science and Technology, India
Martin L. Tanaka, Ph.D. (2025) West Carolina University, USA
Lulu Wang, Ph.D. (2026) Reykjavik University, Iceland
Kendall R. Waters, Ph.D. (2025) Enlight Medical, USA
W. J. (Chris) Zhang, Ph.D. (2025) University of Saskatchewan, Canada
Ping Zhao, Ph.D. (2026) Hefei University of Technology, China
Linda (Na) Zhu, Ph.D. (2025) University of Michigan - Flint, USA

Committees and Leadership

Executive Committee of the Materials Division of 2024–2025

Chair: Prof. Hanqing Jiang, Westlake University, China
Vice Chair: Prof. Curt Bronkhorst, University of Wisconsin–Madison, USA
Track Chair: Prof. Huck Beng Chew, University of Illinois at Urbana–Champaign, USA

Track Co-Chair: Prof. Erdogan Madenci, University of Arizona, USA
Secretary: Prof. Nanshu Lu, University of Texas at Austin, USA
Member-at-Large: Prof. Jianliang Xiao, University of Colorado Boulder, USA
Past Chair: Prof. Çağlar Oskay, Vanderbilt University, USA

Technical Committees and their Officers of 2024–2025

AMD/MD Joint Committee on Constitutive Equations
Chair: Sadie Beck - scbeck@ua.edu
Vice-Chair: Andrew Bowman - Andrew.L.Bowman@usace.army.mil

Composites and Heterogeneous Materials
Chair: Xueju Wang, University of Connecticut, xueju.wang@uconn.edu
Vice Chair: Jaehyung "Joshua" Ju, Shanghai Jiao Tong University, jaehyung.ju@sjtu.edu.cn
Secretary: Grace Gu, University of California, Berkeley, ggu@berkeley.edu

Design of Engineering Materials
Chair: Sara Adibi, San Diego State University, sadibi@sdsu.edu
Vice Chair: Alireza Amirkhizi, Alireza_Amirkhizi@uml.edu

Electronic Materials
Chair: Changyong (Chase) Cao, Case Western Reserve University, ccao@case.edu
Vice Chair: Xueju Wang, University of Connecticut, xueju.wang@uconn.edu
Secretary: Shanshan Yao, shanshan.yao@stonybrook.edu

Materials Processing
Chair: Bo Li, Villanova University, bo.li@villanova.edu
Vice Chair: Adrian Sabau, Oak Ridge National Laboratory, sabaua@ornl.gov

Multifunctional Materials
Chair, Elham Sahraei, Temple University, elham.sahraei@temple.edu
Vice Chair, Azadeh Sheidaei, Iowa State University, sheidaei@iastate.edu
Secretary, Marian Bulla, bulla@altair.com

Materials for Biomimetic and Medical Applications
Chair: Renee Zhao, Stanford University, rrzhao@stanford.edu
Vice chair: Jinhua Li, The Ohio State University, li.11017@osu.edu

Advanced Materials for Energy
Chair: Huanyu (Larry) Cheng, Huanyu.cheng@psu.edu
Vice Chair: Yingchao Yang, yingchao.yang@missouri.edu
Secretary: Qing Tu, Texas A&M University, qing.tu@tamu.edu

Past Executive Committee Chairpersons of ASME Materials Division

Term ending	E.C. Chairperson	Term ending	E.C. Chairperson
1955	R. G. Sturm	1995	V. K. Stokes
1956	W. L. Fleischmann	1996	A. D. Freed
1957	J. O. Smith	1997	S. Suresh
1958	J. B. Rutherford	1998	S. Nemat-Nasser
1959	W. E. Trumpler	1999	T. Nicholas
1960	M. J. Manjoine	2000	B. N. Cox
1961	W. E. Cooper	2001	R. Raj
1962	L. W. Smith	2002	S. E. Cunningham
1963	H. T. Corten	2003	W. A. Curtin
1964	M. E. Shank	2004	D. C. Davis
1965	H. R. Voohees	2005	M. S. Dadkhah
1966	I. Finnie	2006	R. Wetherhold
1967	T. W. Eichelberger	2007	M. F. Horstemeyer
1968	G. M. Sinclair	2008	D. Pai
1969	A. Rubio	2009	D. Siginer
1970	R. M. Goldhoff	2010	A. J. Rajendran
1971	A. J. McEvily, Jr.	2011	M. Zikry
1972	J. H. Thompson	2012	V. Prakash
1973	C. H. Wells	2013	J. Chen
1974	I. LeMay	2014	K. Jacob
1975	D. K. Felbeck	2015	J. Wang
1976	S. Yukawa	2016	G. Z. Voyiadjis
1977	J. M. Kraft	2017	X. Chen
1978	E. Krempl	2018	V. La Saponara
1979	A. Blelloch	2019	Y. Zhu
1980	T. U. Marston	2020	T. Nakamura
1981	J. P. Gallagher	2021	P. Geubelle
1982	W. A. Van Der Sluys	2022	M. Zhou
1983	W. Owens	2023	H. Tippur
1984	C. Niemczewski	2024	C. Oskay
1985	J. E. Williams		
1986	A. E. Carden		
1987	J. R. Whitehead		
1988	T. A. Auten		
1989	C. K. H. Dharan		
1990	R. M. Horn		
1991	C. W. Merten		
1992	A. A. Tseng		
1993	M. Taya		
1994	G.J. Weng		