



# ASME 2018 TURBO EXPO

Turbomachinery Technical Conference & Exposition  
Presented by the ASME International Gas Turbine Institute

CONFERENCE  
June 11 – 15

EXHIBITION  
June 12 – 14

Norges Varemesse  
Lillestrøm, Norway

Every visitor, delegate and exhibitor at the EXPO can attend any of the following presentations, FREE OF CHARGE. Each is delivered by one of the Exhibitors at the EXPO - all of them leading experts in their field.

## STAGE PRESENTATION SCHEDULE

Tuesday	
1:00 – 1:30 pm	Simulation Innovations Speed Turbomachinery Design and Analysis presented by Andre Braune, Technical Account Manager from ANSYS
1:45 – 2:15 pm	Thermal-Fluid System Modeling in Turbomachinery presented by Clement Joly from SoftinWay
2:30 – 3:00 pm	Modern Uncertainty Quantification with SmartUQ presented by Dr. Mark Andrews from SmartUQ
3:15 - 3:45 pm	Environmental Barrier Coatings (EBCs) & Ceramic Matrix Composites (CMCs) for Environmentally-Friendly Gas Turbine Engines presented by Dr. Rogerio Lima from National Research Council of Canada
4:00 – 4:30 pm	MELD: Newest Innovations in Additive Manufacturing presented by Nanci Hardwick from Aeroprobe
4:45 – 5:15 pm	OMNIS: A Unique Engineering Environment Encompassing All Our State-Of-The-Art Technology Including Our Latest Lattice Boltzmann Technology presented by Yannick Baux from Numeca
Wednesday	
1:00 – 1:30 pm	Use of Simulation in Additive Manufacturing presented by Dave Conover, Corporate Fellow from ANSYS
1:45 – 2:15 pm	Hydrodynamic Journal Bearing Optimization Considering Rotor Dynamic Constraints presented by Abdul Nassar from SoftinWay
2:30 – 3:00 pm	Environmental Barrier Coatings (EBCs) & Ceramic Matrix Composites (CMCs) for Environmentally-Friendly Gas Turbine Engines presented by Dr. Rogerio Lima from National Research Council of Canada
3:15 - 3:45 pm	Simulation-Based Digital Twins can Improve Product and Process Performance presented by ANSYS
4:00 – 4:30 pm	Advanced Instrumented Stator Blades Made By Additive Manufacturing presented by Dipl.-Ing. Katharina Kreitz from Vectoflow GmbH
4:45 – 5:15 pm	GT Component Rub Indications by Non-Intrusive Sensor Systems by Lyder Moen from Dynatrend
Thursday	
1:30 - 2:15 p.m.	ASME Turbo Expo Closing Ceremony and Kick-Off for Phoenix, Arizona USA

Schedule as of 3/23/2018