



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 | Serial Additive Manufacturing for Turbomachinery presented by Jens Karnapp from EOS GmbH Electro Optical Systems |
| 1:45 – 2:15 pm | Combining Simulation with Machine Learning During Various Design Phases of Turbomachinery presented by Erik Munktell from Siemens |
| 2:30 – 3:00 pm | The Use of Fast Response Emissions Analyzers for Rapid Spatial Mapping of Combustion Constituents presented by Jamie Parnell, Principal Product Engineer, from Cambustion |
| 3:15 - 3:45 pm | High Resolution Thermal Mapping for Advanced Engine Diagnostics: A Comparison with Traditional Techniques presented by Mike Connolly, Elmira Parsa & Logan Whalen from Sensor Coating Systems |
| 4:00 – 4:30 pm | 100BOND White Metal Technology presented by Beatriz García, Bearing Centre Manager Wärtsilä Shaft Line Solutions |
| 4:45 – 5:15 pm | The Importance of Turbine Bolting Integrity presented by Richard Barnes and Michael Lloyd from Hydrobolt |
| 5:30 – 6:00 pm | Holistic Modeling of Energy Conversion & Thermal Management Systems presented by Clement Joly from SoftinWay Inc. |
| Wednesday | |
| 1:00 – 1:30 pm | High-Fidelity CFD for Next-Generation Design of “Green” Turbomachinery presented by Frank Ham, VP CFD Solver Development from Cadence Design Systems |
| 1:45 – 2:15 pm | Aspects of Using Active Magnetic Bearing (AMB) System in Hgh-Speed Rotating Machinery with a Turbo Blower Example presented by Nikita Uzhegov, Co-Founder and COO from SpinDrive |
| 2:30 – 3:00 pm | Design and Development of a 140KW, 64,000 RPM Permanent Magnet Generator Driven by a Gas Turbine Engine presented by Mike Drumm from e+a |
| 3:15 - 3:45 pm | Harnessing Power of GPUs for Turbomachinery Simulations presented by Sunil Patil, Gas Turbine Program Manager from Ansys |
| 4:00 – 4:30 pm | The Cloud HPC Technology for CFD Turbomachinery Optimization presented by Ruggero Poletto, CEO and CAE Analyst from CFD FEA SERVICE SRL |
| 4:45 – 5:15 pm | Simplifying Turbomachinery Design with AxSTREAM’s AI-Powered Solutions presented by Valentine Moroz from SoftinWay Inc. |
| 5:30 – 6:00 pm | Unlocking Integrated Airframe and Engine Analysis in the Design Cycle presented by Michael Ni from ADS CFD |
| Thursday | |
| 12:15 – 12:45 pm | Ansys SimAI – Generative AI for Simulations presented by Jeff Bronson, Principal Engineer from Ansys |
| 1:00 - 2:15 p.m. | Closing Ceremony and Kick-off to Memphis 2025 |