POWER Symposium

at International Mechanical Engineering Congress & Exposition®

Nov. 16 – 20, 2025
Renasant Convention Center
Memphis, TN, USA

CALL FOR PAPERS

WHY ATTEND?

Power Symposium 2025 offers an exceptional platform for experts, professionals, and visionaries in the power generation and energy sectors to come together to shape the current energy transition for a cleaner, more sustainable tomorrow. Hosted by the ASME Power Division, this symposium continues their 100+ year mission of leading the power industry by exemplifying their commitment to empowering innovation, driving sustainability, and ensuring everyone, everywhere has access to clean, affordable power. By contributing your work, you join a dynamic forum to showcase innovations, share groundbreaking research, and engage with global thought leaders shaping the future of sustainable power.

This event will feature:

- Captivating keynote and plenary sessions on the hottest issues facing the industry today, from green hydrogen, distributed energy systems, digital twins, AI, and more
- Expert-led panels and interactive workshops to build skills and how-to to stay on the leading edge of the industry
- Cutting-edge technical exhibits showcasing the latest tools and solutions to tackle the industry's biggest problems
- Networking opportunities with international professionals to foster collaboration on solving the industry's toughest issues

We invite authors to submit abstracts for technical publication, presentation only, posters, and student competitions that showcase the latest research, trends, ideas, and experiences from the exciting energy transition going on now!

TECHNICAL PAPER PUBLICATION SCHEDULE:

- **Abstract Submission:** March 11, 2025
- **Author Notification of Abstract Acceptance:** April 22, 2025
- **Submission of Full-Length Paper for Review:** May 13, 2025

For more information: https://event.asme.org/IMECE
For technical publication submissions, authors should submit a 400 to 650-word text-only abstract by **March 11, 2025** on the IMECE website.

TOPICS AVAILABLE INCLUDE:

1. **Sustainable Power Solutions**
   - Renewable Energy Systems Water
   - Management, Beneficial Reuse, & Environmental Issues Integrated Energy Systems, Microgrid, and Intelligent Systems
   - Nuclear Power
2. **Digital Twins Analysis & Cyber-Physical Systems**
   - Advanced Tools for Cyber-Physical Systems and Digital Twins Cyber-physical modeling, advanced modeling, cosimulation Machine learning and Data Analytics Verification, validation, and uncertainty quantification
   - Model-based and intelligent control Codesign
3. **Advanced Combustion Systems and Cycles**
   - Advanced Combustion Systems and Cycles
   - Fuels Combustion & Material Handling
   - Combustion Turbine Combined Cycles
4. **Plant Management, Performance & Operations**
   - Risk Management Cyber Security and Safety Plant Construction Supply Chain
   - Mgmt. & Economics Plant Performance and Operations
   - Robotics and Drones
   - Experimental and Computational Fluid Dynamics and Thermal Hydraulics and Data Analytics
5. **Steam Power Generation & Application**
   - Boilers & Heaters Recovery Steam Generators
   - Power Plant Heat Exchangers & Cooling Technologies
   - Steam Turbines Generators and Auxiliaries

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