

3rd Biennial International Symposium on “Fluids and Thermal Engineering” (FLUTE - 2025)

Theme: Innovations and Future Directions in Renewable Energy Harvesting and Sustainable Thermal Systems.

**From 07th August 2025 to 08th August 2025
at**

Amity University, Noida Campus.

Organized by

**Department of Mechanical Engineering
Amity School of Engineering & Technology
Amity University, Noida, Uttar Pradesh, India**

The third Biennial International Symposium on Fluids and Thermal Engineering (FLUTE 2025) will focus on innovations and future directions in renewable energy harvesting and sustainable thermal systems. Under this theme, scientists, engineers, industry, and academics will get the opportunity to highlight the integration of innovative thermal systems and sustainable energy solutions, focusing on new approaches to energy efficiency, low-carbon technologies, and green power generation. The symposium will offer participants the chance to network with global researchers, industry professionals, and academics to discuss the latest developments, share knowledge, and shape the future of clean energy technologies and fluid-thermal engineering.

Glimpses of FLUTE 2023



“We are pleased to invite you to submit and present your Research innovation work in FLUTE 2025”

Submission Link: A direct link to the CMT platform will be provided on the official FLUTE 2025 website. Please follow the link to access the submission portal. <https://cmt3.research.microsoft.com/FLUTE2025/>

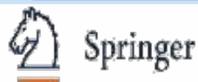
Topics Covered

- * Solar, wind, and wave energy systems
- * Emerging technologies for geothermal and hydroelectric power
- * Thermal energy storage systems
- * Fuel cells and advanced combustion systems
- * Biomass and waste-to-energy technologies
- * Biofuels, hydrogen, and synthetic fuels
- * Life cycle assessment of renewable energy technologies
- * Carbon capture, utilization, and storage (CCUS)
- * Pathways to net-zero energy buildings and systems
- * Decarbonizing the industrial and power sectors
- * Cogeneration and trigeneration systems
- * Multiphase flows in thermal and fluid systems
- * Computational fluid dynamics (CFD) for energy applications
- * Smart grids and demand-side energy management
- * Energy storage systems (electrical, mechanical & chemical)
- * Role of AI and machine learning in energy optimization
- * Advanced Functional materials for energy harvesting
- * Bioenergy conversion technologies
- * Hydrogen production methods
- * Desalination and water purification processes
- * Solar-driven systems
- * Computational Technique for Energy Application

IMPORTANT DATES

- Deadline for Full Paper Submission
✓ **30th May 2025**
- Notification of Paper Acceptance/Rejection
✓ **20th June 2025**
- Deadline for Camera-Ready Paper Submission
✓ **01st July 2025**
- Early Registration Deadline
✓ **30th June 2025**
- Conference: August 7th to 8th August 2025

Publication Partners



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