

2025 5th International Conference on Energy Evolution and Power Engineering: Transition, Intelligence and Autonomy

2025 5th International Conference on Energy Evolution and Power Engineering: Transition, Intelligence and Autonomy (EEPE-TIA 2025) will be held in **Wuhan, China** during **November 21-23, 2025**. EEPE-TIA 2025 is organized by **Wuhan University** and **Wuhan Donghu University**, and technically co-sponsored by **IEEE** and **IEEE Wuhan Section**.

The conference will be organised every year in different locations all around the world, with an aim to foster the knowledge and understanding of the recent advances across the broad field of Energy, Electrical and Power Engineering.

*The 5th International Conference on Energy, Electrical and Power Engineering (CoEEPE 2025) is formally redefined as the 5th International Conference on Energy Evolution and Power Engineering: Transition, Intelligence and Autonomy (EEPE-TIA 2025), reflecting the discipline's paradigm shift toward systemic energy autonomy through three foundational research domains: Transition (carbon-aware multi-energy system integration), Intelligence (federated learning for grid resilience enhancement), and Autonomy (distributed self-healing microgrid control protocols), with all prior proceedings maintaining validity under this designation and scholarly contributions accepted at CoEEPE 2024, CoEEPE 2023, CoEEPE 2022, CoEEPE 2021.

Technical Co-sponsor



Organizing Committee

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Keynote Speakers

Keynote Speaker I

Shunli Wang—Inner Mongolia University of Technology, China

Keynote Speaker II

Atif Iqbal—Qatar University, Qatar

Keynote Speaker III

Marc A. Rosen—Ontario Tech University, Canada

Keynote Speaker IV

Mohamed Benbouzid—University of Brest, France

Publication Information

Registered and presented full papers will be included in the EEPE-TIA 2025 digital conference proceedings (ISBN: 979-8-3315-5930-4), which will be published by IEEE and submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and also submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



Publication History

CoEEPE 2024 | Nanning, China | Springer LNEE

CoEEPE 2023 | Melbourne, Australia | Springer LNEE

CoEEPE 2022 | Beihai, China | Springer LNEE

CoEEPE 2021 | Huangshan, China | Springer LNEE

Important Dates

Registration: Nov. 15, 2025

Deadline for Camera Ready Submission: Nov. 15, 2025

Conference Dates: Nov. 21-23, 2025

Special Sessions

Please visit: www.coeepe.org/sessions for more information.

- I Proactive Fault Defence and Safe-Intelligent Operation for New-Type Distribution Networks
- II Operation and Control of Renewable Power Systems Based on Grid-Forming Energy Storage
- III Resilience Enhancement of Grid Federated Learning and Collaborative Control of Distributed Self-Healing Microgrids
- IV Exploring Transformation Pathways for Carbon-Aware Multi-Energy System Integration
- V Key Technology in Transportation Electrification

Tracks

Please visit: www.coeepe.org/tracks for more information.

- I Control and Application of Grid-Forming Converters in Grid
- II Application of Artificial Intelligence Methods and Other Advanced Technologies in the Planning and Operation of Multi Energy Systems

Call For Papers

- Advanced Energy Technologies
- Artificial Intelligence
- Automatic Control
- Building Energy-Saving Applications
- Efficient Use of Resources
- Electricity Carbon Fusion
- Energy Chemical Engineering
- Energy-saving Technology
- Hydrogen and Fuel Cell
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Submission Notes

<https://cmt3.research.microsoft.com/CoEEPE2025>

1. Manuscripts submitted to the conference should be written in English only.
2. Manuscripts submitted to EEPE-TIA 2025 should follow the template provided on the conference website.
3. Manuscripts can be submitted in Doc, Docx and PDF format.
4. The ordinary length is suggested no less than 5 pages, including all figures, tables, references, and appendices. If the paper exceeds 5 pages, the additional pages will be charged at the time of registration.

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