



University of Mouloud Mammeri
Tizi-Ouzou Algeria

<https://aiesre.umto.dz>
15-17 December 2025
Hybrid Format

International Conference on Artificial Intelligence, Embedded Systems, and Renewable Energy

The AIESRE'2025 international IEEE conference aims to bridge the gap between academia and industry by showcasing the latest innovations in renewable energy, energy storage, green computing, AI, embedded systems, and sustainable development, with a focus on Algeria. The conference will explore key renewable energy sources (solar, wind, hydropower, biomass, geothermal), energy storage solutions, smart grids, and decentralized energy systems, particularly relevant for energy transition and rural areas. It will also address challenges such as energy intermittency and discuss how technologies like AI, real-time monitoring, and smart grids can improve energy resilience and efficiency.

Submission

All submitted papers will undergo a double blind review, evaluated based on the following criteria: originality and novelty, technical quality, relevance and significance, clarity and presentation, impact and practical applications, methodological rigor, ethical standards and integrity, and language and grammar. Submissions must also avoid AI-generated content and plagiarism.

Submitted papers must be written in English, in accordance with [IEEE conference paper template](#), and limited to six (6) pages, two columns. Manuscripts should be original and not published or under review elsewhere. Submissions must be made via [CMT](#), and an account is required to submit.

Accepted and presented papers will be submitted for inclusion in IEEE Xplore.

Extended version of selected papers will be submitted for publication in:

- International Journal of Intelligent Engineering Informatics (IJIEI)
- International Journal of Sociotechnology and Knowledge Development (IJSKB)
- International Journal of Service Science, Management, Engineering, and Technology (IJSSMET)
- International Journal of System Dynamics Applications (IJSDA)

Agenda

The AIESRE 2025 conference will feature technical paper presentations, a panel discussion, and exhibits. Focus will be on innovations, policy, and the future of renewable energy, with particular attention to Algeria's energy transformation.

Tracks

- Advances and Innovations in Renewable Energy
- Embedded Systems for Renewable Energy Management
- Green Computing and AI for Energy Integration
- Hybrid Energy Systems for Sustainable Infrastructure
- Energy Management and Storage
- Precision Agriculture and Sustainable Water Management

Panel Discussion: The panel will address critical topics such as the role of policies and regulations in driving investment, economic growth, and job creation in the renewable energy sector, with a special focus on Algeria.

Exhibits: Local and international enterprises are invited to present their innovative products, services, and solutions in renewable energy, with a focus on solar, wind, energy storage, grid integration, energy efficiency, and sustainable development.

Important Dates

Full Paper Submission Deadline

July 31, 2025

Final Paper Submission Deadline

October 3, 2025

Camera-Ready Paper Submission Deadline

October 31, 2025

Notification of Paper Decision

September 8, 2025

Author Registration Deadline

October 31, 2025

Conference Dates

December 15-17, 2025

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