



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

University of Mouloud Mammeri
Tizi-Ouzou Algeria

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

Agenda

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 papers will be submitted for inclusion in IEEE Xplore.

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

- American Polytechnic Institute (API)
- International Journal of Intelligent Engineering Informatics
- International Journal of Sociotechnology and Knowledge Development
- International Journal of Service Science, Management, Engineering, and Technology
- International Journal of System Dynamics Applications

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

June 19, 2025

Final Paper Submission Deadline

September 18, 2025

Camera-Ready Paper Submission Deadline

October 16, 2025

Notification of Paper Decision

August 21, 2025

Author Registration Deadline

September 24, 2025

Conference Dates

December 15-17, 2025

Honorary Committee

Pr. BOUDA Ahmed, President, University of Tizi Ouzou, Algeria.
Pr. KARA Redouane, Dean, Faculty of Electrical Engineering and Computer Science, University of Tizi Ouzou, Algeria.
Pr. BENMAHAMMED Kheir (Ret'd), University of Setif, Algeria, IEEE Life Senior Member.
Pr. SUNDARARAJAN N (Ret'd), School of Electrical & Electronic Engineering, Nanyang Technological University, Singapore, IEEE Life Fellow Member.

General Program Committee

Dr. ZIRMI Rachid, Chair, University of Tizi Ouzou, Algeria.
Dr. RACHEDINE Mohammed, Co-Chair, USPTO, USA.

Technical Program Committee

Dr. BOUNAR Khaled, Chair, TSI, USA.
Pr. DJENNOUNE Said, Co-Chair, University of Tizi Ouzou, Algeria.

Plenary Speakers

Dr. BENAÏSSA Hacib, Manager, Lynas Rare Earth, Malaysia
Pr. BLAABJERG Frede, IEEE Fellow and Villum Investigator, Aalborg University, Denmark
Mr. COOK Daniel, President, Conservation Solutions Corporation, Carlisle, Massachusetts
Pr. LAGA Hamid, Information Technology, Murdoch University, Australia
Dr. MESBAHI Tedjani, INSA Strasbourg, ICube-CNRS laboratory, France

Finance Chair

Pr. MAIDI Ahmed, University of Tizi Ouzou, Algeria.

Review Committee

Pr. SEMAOUI Smail, Chair, Research Director, CDER, Algiers, Algeria.
Pr. AMIR Mounir, Co-Chair, University of Tizi Ouzou, Algeria.
Pr. BENNAMANE Kamal, Co-Chair, University of Tizi Ouzou, Algeria.

Publication Committee

Pr. LAGHROUCHE Mourad, Chair, University of Tizi Ouzou, Algeria.
Pr. KRIM Fateh, Co-Chair, University of Setif, Algeria.
Dr. IRATNI Abdelhamid, Co-Chair, University of Bordj Bou Arreridj, Algeria.

Webmaster, Publicity, and Communication Committee

Dr. AIT ISSAD Hassina, Co-Chair, University of Tizi Ouzou, Algeria.
Dr. BOUHATEM Fariza, Co-Chair, University of Tizi Ouzou, Algeria.
Dr. SADI Samy, Co-Chair, University of Tizi Ouzou, Algeria.

Organizing Committee

Dr. ARDJAL Aghiles, Co-Chair, University of Tizi Ouzou, Algeria.
Dr. OUKFIF Karima, Co-Chair, University of Tizi Ouzou, Algeria.

Onsite Management & Student Liaison Committee

Dr. GANA Massine, Co-Chair, University of Tizi Ouzou, Algeria.
Dr. TRIKI Yacine, Co-Chair, University of Tizi Ouzou, Algeria.

Partners & Sponsors



Email: aiesre2025@ummto.dz
Website: <https://aiesre.ummto.dz>

15-17
December
2025