



University Yahia Fares of Medea

Faculty of technology



Laboratory of Renewable Energies and Materials

The National Conference on Advanced Materials for Sustainable Energy Transition

Medea- Algeria, 26 June 2025



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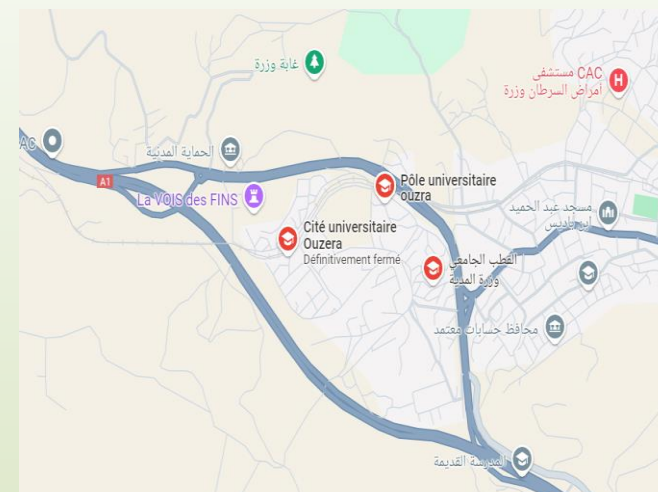
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LOCALIZATION



REGISTRATION

Participation is free of charge. Accommodation is not provided during the conference

PRESENTATION

We are pleased to announce the opening of the call for applications for the Conference on Advanced Materials for a Sustainable Energy Transition **NC-AMSET 2025**, which will take place on June 26 at the University of MEDEA. This conference will bring together researchers, engineers, and industry experts to discuss the challenges and solutions that advanced materials can offer to accelerate the energy transition.

Objectives of the Conference

- Discuss the latest innovations and advancements in advanced materials for renewable energy, energy storage, energy efficiency, and carbon capture.
- Promote synergies between the academic research, industry, and government sectors.
- Explore new opportunities for sustainable development through next-generation materials.
- Identify the technical and economic challenges for their large-scale adoption.



MAIN THEMES

Submissions for full papers are invited in the following areas :

1. **Materials for Renewable Energy**
 - Solar panels
 - Materials Technologies
2. **Materials for Energy Storage**
 - Advanced batteries
 - Super capacitors and other storage technologies
 - Materials for hydrogen
3. **Materials for Energy Efficiency**
 - Thermal and insulation materials
 - Materials for thermal management in energy
4. **Carbon Capture and Storage**
 - Materials for CO₂ capture
 - Geological storage technologies
5. **Materials for Sustainable Mobility**
 - Lightweight materials for electric vehicles
 - Advanced conductors for electric motors and charging infrastructure



IMPORTANT DATES

Full papers Submission: **8 June 2025**

Acceptance Notification: **15 June 2025**

Participation Confirmation : **20 June 2025**

Conference Date : **26 June 2025**

Paper Submission

Authors are invited to submit their papers written in English to:

<https://cmt3.research.microsoft.com/NCAMSET2025>

Secretariat NC-AMSET 2025

Faculty of technology,

University of Medea, Algeria

E-Mail: ncamset@univ-medea.dz

