Ministry of High Education and Scientific Research

UNIVERSITY OF SOUK AHRAS
Faculty of Science and Technology

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1st National Conference on Advanced Materials for Energy Transition and Sustainability

NCAMETS'26

December 14–15, 2026

Souk Ahras, Algeria

Innovative Materials...
for a Sustainable Future

ABOUT THE CONFERENCE

The National Conference on Advanced Materials for Energy Transition and Sustainability (NCAMETS'26), organized by the Faculty of Science and Technology at the University of Souk Ahras, will bring together researchers, academics, engineers, and industry professionals from across Algeria to explore advances in materials science for a sustainable future.

The conference will cover materials for green energy, nanomaterials and smart functional systems, circular economy and sustainable materials, advanced materials design and artificial intelligence, as well as surface engineering and materials for harsh environments. By bridging fundamental research and practical applications,

NCAMETS'26 aims to foster scientific exchange, promote interdisciplinary research, and strengthen collaboration between academia and industry. Original research contributions are welcome for oral or poster presentation.

TOPICS:

1. Materials for Green Energy Transition
- Hydrogen Production, Storage and Fuel Cells
- Battery Technologies and Energy Storage Systems
- Solar Energy Materials and Photovoltaics

2. Nanomaterials and Smart Functional Materials
- 2D Materials, Graphene and Nanostructures
- Self-Healing, Shape-Memory and Stimuli-Responsive Materials
- Nano-devices and Sensors

3. Circular Economy, Bio and Sustainable Materials
- Recycling, Waste Valorization and Life Cycle Assessment
- Bio-based Polymers, Biomaterials and Eco-Composites
- Materials for Water Treatment and Environmental Remediation

Advanced Materials Design, Modeling and AI
- Materials Informatics and Machine Learning for Materials Discovery
- Advanced Characterization Techniques
- Multiscale Modeling and Simulation

5. Materials for Harsh Environments and Surface Engineering
- Advanced Ceramics, Coatings and Thermal Barriers
- Corrosion, Wear and Surface Protection
- Materials for Extreme Conditions



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Pr. HAMLAOUI Youcef	U. S. Ahras
Pr. GUELLATI Ouanassa	U. S. Ahras

Important Dates

Submission Deadline	December 05th, 2026
Notification of Acceptance	December 10th, 2026
Conference Date	December 14-15th, 2026

Abstract Submission

Abstracts must be prepared according to the following guidelines:
Title: Times New Roman, 14 pt, bold, uppercase, centered.
Author(s): Times New Roman, 11 pt, bold, surname in uppercase followed by the uppercase initial of the given name, centered.
Affiliation and email address: Times New Roman, 10 pt, regular, centered.
Abstract text: Times New Roman, 12 pt, single-spaced.
Seminar languages: English

All abstracts should be sent to the following email address: ncamets'26@univ-soukahras.dz indicating the selected topic

Contact: f.djefaflia@univ-soukahras,dz0