

REPUBLIQUE ALGERIENNE DEMOCRATIQUE ET POPULAIRE

Ministry of Higher Education and Scientific Research

Jijel University - Ultrasonic Non-Destructive Testing Laboratory (LEND) - Faculty of Science and Technology

Call for papers: The 1st national seminar on Materials, Energy and Water: Environmental Applications & Sustainable Development (MEEAD'2024) September 25-26, 2024, Jijel, Algeria



The Ultrasonic Non-Destructive Testing laboratory (LEND) of the Faculty of Science and Technology (Jijel University) organized the 1st national seminar on, Materials, Energy and Water: Environmental Applications & Sustainable Development (MEEAD'2024) on September 25-26, 2024 at the University of Jijel, Algeria. This conference will be an opportunity for scientific exchanges on contributions of all kinds (theoretical, numerical and experimental) on energy issues, materials, modeling, Environmental Applications and Sustainable Development. The exchange will take place between doctoral students, university professors, and participants from the socio-economic sector. The presentations will be of three types: posters, oral and plenary.

PAPERS

Proposal texts for abstracts in French or English must be prepared using the conference template. Abstracts should be sent in .docx format by email to the following address:

meead2024@univ-jijel.dz

The abstract should contain the title, authors' names and a one-page abstract with references.

CONFERENCE TOPICS

Theme 1. Water and Environment

Environment; Air pollution; Water pollution; Land pollution; Environment and sustainable development; Characterization of municipal waste; Reduction of municipal waste.

Theme 2. Materials

Optical, Electronic, and Magnetic Materials; Ceramic Materials; Environmental and Green Materials; New Materials for Solar Cells/Modules; Granular Materials and Suspensions; Using quantum chemistry methods (HF, Post-HF, DFT, and TD-DFT) for the discovery of new molecular structures and nanostructures; Metal oxide materials for applications in solar energy; Nanomaterials, composite materials; nanocomposite materials; materials and materials for photovoltaic and optical applications; Biomaterials;

Plant-based phase change insulation materials; Heat and mass transfer in building materials; Bioclimatic architecture; Recycling of materials, treatment, and valorization; Strength of materials; Structural dynamics; Damage and fracture of materials; Numerical modeling and simulation of welding.

Theme 3. Energy

Photovoltaic and thermal solar energy; systems, materials, and physics of renewable energies; Renewable energies applied to cooling, agriculture, water, etc.; Applications in transportation and various industries (e.g., cooling); Systems and materials for fuel cells; Hydrogen energy; Energy from urban waste; Energy efficiency and environmental concerns; Energy storage systems and materials.

Theme 4. Sustainable Development

Valorization of industrial chemical waste; Smart management of household waste; Exhaust gas treatment technologies and environmental protection.

DEADLINES

Abstract submission deadline: **July 15, 2024**

- Notification of abstract acceptance: **August 1, 2024.**

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CONFERENCE SOCIAL PROGRAM

Guided tour of the Jijel city wastewater treatment plant.



Contact

Email : meead2024@univ-jijel.dz

PARTICIPATION

Participation in **MEAD'2024** is free of charge. Accommodation is not provided during the conference and is the responsibility of the participant, who can benefit from discounts at partnered hotels. The list of hotels will be communicated later.



MODEL ABSTRACT

PAPER TITLE (14 pt Georgia)

First Author¹, Second Author², Third Author³

¹Affiliation, postal address, email address

²Affiliation, postal address, email address

³Affiliation, postal address, email address

Languages of participation:

Arabic - English - French

Ceci est un modèle pour le document (**MEAD'2024**).

<https://www.univ-jijel.dz>

The abstract (maximum 1 page) must be submitted using the conference email. (meead2024@univ-jijel.dz).



Welcome to Jijel

Registration Form

Last Name :

First Name :

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Institution :

Address :

City :

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Email :

I wish to participate without accommodation

I wish to participate with full-board accommodation

I wish to present a communication

Orale Poster

Title:

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Theme :

Please send this form (along with the abstract)

before **July 15, 2024** to

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