



**NATIONAL POLYTECHNIC  
SCHOOL OF ORAN – Maurice  
Audin (ENPO-MA)**

&



**Materials Laboratory: LABMAT**

**Organizes In  
collaboration with**



**Laboratory EOLE**



**University of Tlemcen**

2<sup>nd</sup> INTERNATIONAL CONFERENCE ON

**NEW TRENDS IN INNOVATIVE  
CONSTRUCTION MATERIALS (NewMat'2024)**



**December 16 – 18, 2024**

Conference website: <http://newmath2024.enp-oran.dz/>

### Significance of the topic

The research field of composite cementitious materials is constantly evolving to address more complicated and ecologically demanding industrial concerns such as enhancing building energy efficiency, protecting the environment, and industrial waste recovery.

The latest exploratory and numerical methods developed by various researchers for the design and characterization of these new composites, whether physicochemical, mechanical, thermal, or durability, have evolved dramatically in recent decades. These novel developments have enabled the industrial sector to handle several challenges while also updating existing standards.

NEWMAT'24 (2<sup>nd</sup> edition) is an international seminar that follows the first version held in March 2022 at the Higher School of Applied Sciences of Tlemcen (ESSAT). It seeks not only to shed light on the current state of advancements in research, bringing together inventiveness, energy efficiency, and artificial intelligence, but additionally to foster fruitful and enriching shares between researchers and industry.

### Objectives

- Providing an environment conducive to valuable scientific interchange between researchers from Algerian and worldwide institutions working on materials and energy efficiency.
- Encourage scientific research activities in the realm of new materials.
- Popularization of emerging developments in novel building materials within the research and technical communities.
- Offer effective answers to industrial sector concerns, notably in terms of materials and energy efficiency.
- Support the formation of startups in the realm of contemporary materials.
- Bolstering inter-university partnerships and research centers under DGRST agreements with industry collaborators for the betterment of PhD students and engineers working for industrial organizations.

### Conference Topics

- Axis 1: Valorization of materials in buildings and structures.
- Axis 2: Durability of cementitious materials.
- Axis 3: Corrosion and structural protection.
- Axis 4: Housing prefabrication solutions.
- Axis 5: Renewable energy and low energy consumption.
- Axis 6: Energy efficiency in buildings.

### Calendar

October 10<sup>th</sup>, 2024  
Full paper submission deadline

November 05<sup>th</sup>, 2024  
Authors will be notified of the acceptance of their paper.

Therefore, we welcome speakers from all fields who are intrigued by the themes of the conference to respond to this call by submitting a paper (in French or English) in Word format of 6 to 8 pages maximum, according to the seminar template via the platform:

<https://cmt3.research.microsoft.com/NEWMAT2024>

Note: **It is required to register on the CMT platform.**

Some chosen articles will be published in the journals:  
- Euro-Mediterranean Journal for Environmental Integration, (Springer Nature, EISSN: 2365-7448), indexed in Web of Science and Scopus.

-Journal of Building Materials and Structures (EISSN: 2600-6936).

For more information, contact:  
[newmat.enpo.ma@gmail.com](mailto:newmat.enpo.ma@gmail.com)

### Registration fees

- Teachers researchers : Free
- Students : Free
- Foreign Students : Free
- Industrials : 15 000 DA



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