



People's Democratic Republic of Algeria
University May 8, 1945 Guelma Algeria
Faculty of Science and Technology
Department of Mechanical Engineering
Laboratory of Applied Mechanics of New Materials (LMANM)



The 1st International Conference of Materials Engineering and Renewable Energy

ICMERE 2024

IN GUELMA ALGERIA ON 8-10 NOVEMBER

FULL PAPER SUBMISSION

15/09/2024

ACCEPTANCE NOTIFICATION

10/10/2024

Honorary President

Prof. Ellagoune Salah – Rector

Honorary co-President

Prof. Kribes Nabil – Dean

President of Conference

Prof. Bezazi Abderrezak

CONFERENCE SCOPE

The ICMERE 2024 is the first International Conference of Materials, Engineering and Renewable Energy. Will be held in Faculty of Technology Guelma University, Algeria. This conference will offer the opportunity to bring together academics, researchers and industrials from different universities and countries to strength their links and collaborations on different themes to discuss new scientific advances and technological innovations in several fields around materials, mechanics and energy as well as their environmental effects.

History of Guelma

Called Malaca in the period of its founders, the Numidians, then Calama in the Romain era, Guelma occupies a strategic geographical position, as a crossroads in the north-eastern region of Algeria, linking the coastline of the wilayas of Annaba, El Tarf and Skikda, to inland regions such as the wilayas of Constantine, Oum El Bouagui and Souk Ahras. The history of Guelma is rich in events, and its territory is dotted with famous sites like the Romain Theater (4500 seats) and ruins, Romain swimming pool at Hammam Bradaa, the ancient remains of Thibilis, and its famous thermal stations.



Guelma is also known as the city of May 8, 1945, the date in which thousands of Algerians paid with their lives for the liberation of their country. An international conference on this tragedy is held every year at the University 8 May 1945 Guelma.

History of the University 8 May 1945 Guelma

Inaugurated under the name of National Institutes of Higher Education in 1986, then University Center in 1992, and finally becoming a University in 2001, the University 8 May 1945 Guelma currently provides graduation and post-graduation training for thousands of students in several teaching sectors. As multidisciplinary and multi-sites university, the University 8 May 1945 Guelma mainly places its training in the LMD scheme. It thus offers a number of training areas provided by seven faculties spread over three different sites.



THEMES

Materials and Nanomaterials

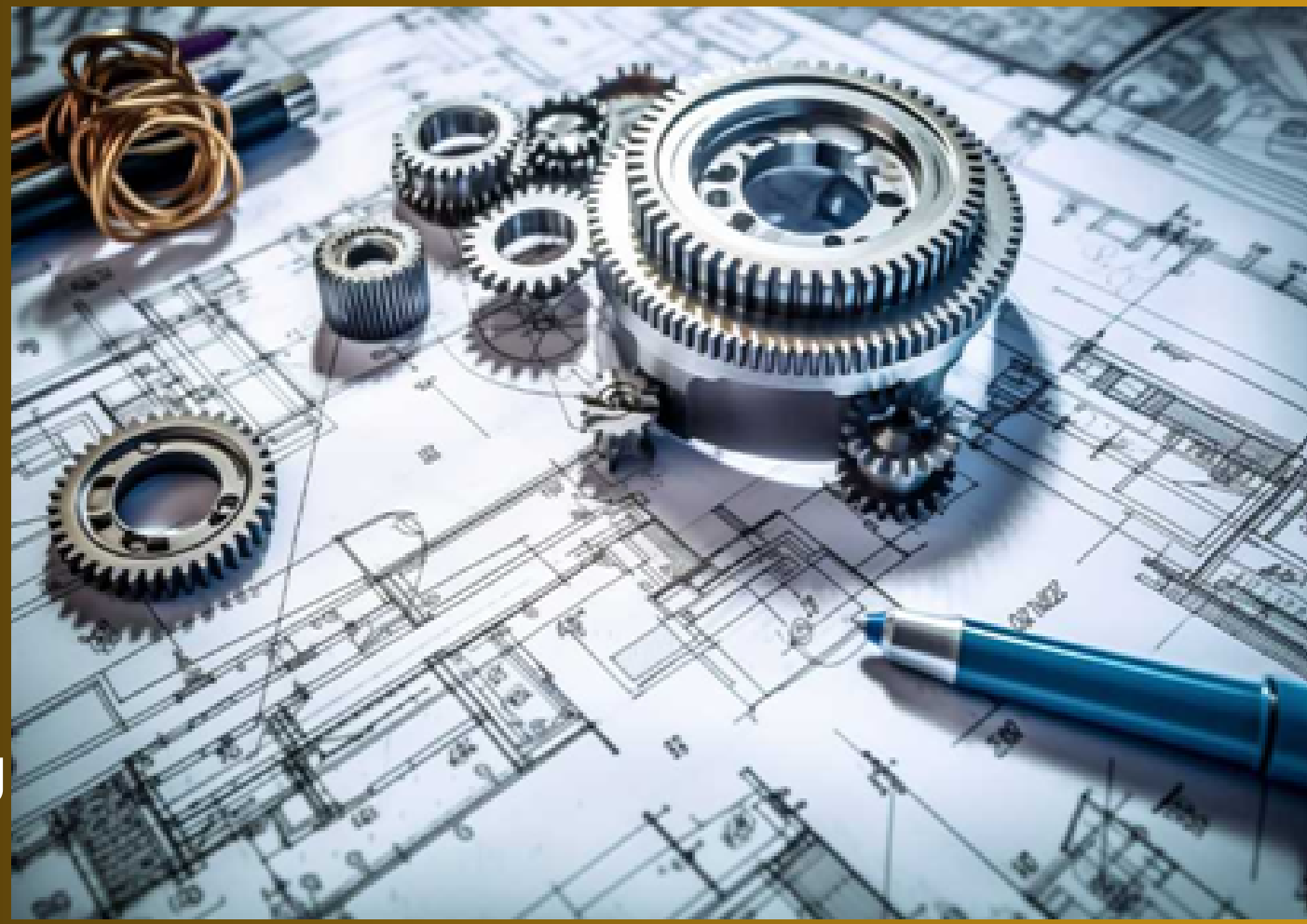
- New Materials and applications
- Material characterization
- Mechanical behavior of materials
- Nanoscience and Nanotechnology
- Processing and Product Manufacturing
- Advances in Additive Manufacturing
- Ceramics, mining & powder metallurgy
- Fatigue, damage & fracture Materials
- Nanomaterials, FGM & Smart materials
- Polymers, Ceramics & Composite materials
- Biomaterials and Green Building Materials
- Modeling and Characterization
- Tribology, Coatings and Surface Engineering

Engineering

- Mechanical Construction
Manufacturing and Product
- Vibration and dynamic of Structure
- Non Destructive Testing and
detection
- Maintenance, Reliability and fault
Diagnosis
- Industrial Engineering
- Process Engineering

Renewable energy

- Renewable Energies
- Energy Transition and Innovation
- Innovation in Clean Technologies
- Hydrogen Technology (production,
transport and storage)
- Batteries (Fuel cell technology)
- Materials for Advanced Energy &
Sustainability



Organizing Comittee

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Pr. KRIBES Nabil ; U. Guelma

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REGISTRATION FEES

- **Student: 8000 DA**
- **teacher researcher at Guelma university: 8000 DA**
- **Teacher researcher outside Guelma university: 12000 DA**
- **Industrial: 20000 DA**

Participation and Submission

The conference is aimed initially at doctoral students, research professors and industrial operators. Certificates of participation will be issued to communicators.

All papers must be written in English. Papers of 4 to 6 pages should be written in PDF format, and should be prepared with the following conference templates.

TEMPLATE PAPER

Full papers submitted for conference via:

[https://cmt3.research.microsoft.com/User/Login?
ReturnUrl=%2ICMERE2024](https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2ICMERE2024)