

Ecole Militaire Polytechnique Chahid Abderrahmane Taleb

المدرسة العسكرية المتعددة التقنيات - الشهيد عبد الرحمن طالب



15th International

Conference on Mechanical Engineering

Bordj El Bahri, Algiers, Algeria, 28-29th April 2026

The International Conference on Mechanical Engineering (ICME) is a premier biannual forum organized by the École Militaire Polytechnique (EMP), held at its campus in Bordj El Bahri, approximately 30 km east of Algiers. ICME2026 is dedicated to advancing and showcasing cutting-edge research, and it is specifically designed to bridge the gap between academia and industry. This integrated approach aims to generate critical insights into the dynamic interplay of fundamental research, practical implementations, and emerging future directions within mechanical engineering.

Topics of interest

- Modelling, Numerical Methods and Simulations in Mechanical Engineering
- Artificial Intelligence in Mechanical Engineering

● Structural Mechanics

- Shock, Impact and Explosions
- Vibrations, Acoustics and Noise Control
- Diagnostics and Maintenance
- Non-destructive Testing, Structural Health
- Monitoring and Prognosis
- Robotics and Mechatronics
- Multibody Dynamics

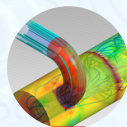


● Design and Manufacturing

- Design of Biomechanical Systems
- Innovative Design Optimization
- Product Lifecycle and Reliability Management
- Reverse Engineering, Inspection and Metrology
- Machining Processes
- Additive Manufacturing and Rapid Prototyping
- Advanced Manufacturing Techniques

● Fluid Dynamics, Energetics and Autonomous Systems

- Advanced Aerodynamics for Autonomous Systems
- Instability, Turbulence, and Flow Control
- Sustainable Propulsion and Power Systems
- Renewable Energy Harvesting
- Complex Multi-Physics Interactions
- Emerging Flows & Special Applications
- Multi-Phase Flow Phenomena



● Materials Sciences and Engineering

- Materials Processing and Characterization
- Mechanical Behaviour of Materials
- Fatigue, Damage, and Fracture Mechanics
- Ceramics, Powder Metallurgy, and Mining Materials
- Composite Materials, Polymers, and Hybrid Systems
- Surface Science, Interfaces, and Coatings
- Transformative nanomaterials and innovative materials



Workshops

● Composite Materials : from design to manufacturing

● Mechanical analyses and cyclic behaviour of materials



● OpenFoam : the open source CFD toolbox

● Reverse engineering and additive manufacturing



Important Dates

01st February

22nd February

01st March

15th March

16th April

28-29th April

Submission deadline

Acceptance notification

Camera-ready submission

Final decision

Final program

Conference holding



Organizing Committee

President : Dr. MEKADEM Mahmoud
Dr. CERDOUN Mahfoudh

Members:

Dr. TRIA Djalel Eddine	Dr. BENAOUALI Abdelkader
Dr. LARABI Abderahim	Dr. SADAOUI Seif Eddine
Dr. LOUAR Mohamed Abderraouf	Dr. MEDJAHED Aoubaker
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Dr. HENNICHE Abdelkhalek	Dr. DOURARI Abderrahmane
Dr. BOUTEMEDJET Abdelwahid	Dr. ELHAMEUR Mohamed Amine
Dr. REBHI Lamine	Dr. SEHILI Youcef



Submission

Submissions for participation should be made through Microsoft's CMT platform



<http://www.emp.mdn.dz/events/icme/2026/index.html#conf-submission>



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