Call for papers

5th International Conference on Material and Structural Mechanics

20-22, Mai 2026 in Casablanca-Morocco

1. OBJECT

The 5th International Conference on Material and Structural Mechanics allows the organization of a scientific and technic meeting for researchers, engineers and industrialists. The main objective is to promote the exchange of new ideas through plenary lectures, oral communications and posters. The scheduled interventions will aim to launch scientific debates on new strategic research areas in on Material and Structural Mechanics in the era of Industry 4.0.

2. HISTORICAL

The Fourth previous versions of the International Conference on Material and Structural Mechanics were a great success with a strong participation of teacher-researchers and PhD students during three days of intense activities. Renowned speakers, mainly from Maghreb and Europe countries, honored their invitations, despite travel constraints, with plenary presentations on the results of their research work.

3. CALL FOR PAPERS

Submissions must be done via the MSM'2026 website: *https://msm2026.sciencesconf.org/* before **March 31, 2026** in the form of a communication of no more than 10 pages according to the proposed Template, in French or English in Word and PDF files.
The decision of the scientific committee will be communicated to the authors before **April 17, 2026**.

All selected proposals will be published in the conference proceedings.

At the end of the conference, the scientific committee, assisted by the session chairs, will select the best contributions for publication in a the **International Journal of Plasticity, Damage and Fracture**.

4. CONFERENCE THEMES

Scientific themes of conference are summarized below:

Session I. Advances in Mechanical Engineering

Plasticity, Fatigue and Fracture - Life Cycle Engineering - Smart materials - Structural Control - Mechatronics - Innovation in Mechanical Engineering - Composite Materials and Structures - Computational Mechanics - Design Structures 4.0 - Damage Mechanics - Optimization Design of Structures - Safety and Reliability - Shells, Plates and Membrane Structures - Structural Dynamics -Vibrations and Control - Aeronautic Structures - Flight and Vehicle Mechanics 4.0 - Propulsion Mechanics - Manufacturing Process - Automotive Engineering - Energy Storage - Advanced Energy Engineering - Material Forming and Automated Production - Predictive Maintenance and Non-Destructive Testing - Smart and Sustainable Materials - Additive Manufacturing and 3D Printing - Robotics and Industrial Automation - Contact Mechanics - Advanced Metallurgy - Advanced Transmission Systems.

Session II. Advances in Civil Engineering

Steel and Concrete Structures - Technologies in Concrete 4.0 - High Performance of Concrete - Impact loads on Concrete - Seismic Design - Geotechnical Engineering - Seismic Protection of Structures - Seismic Codes and Regulations - Bridge Engineering – Geomechanics 4.0 - Earth Mechanics 4.0- Masonry Walls and Structures - Foundations - Tall Building Structures - Tunneling and underground - Connections in Steel Structures - Porous Materials - Granular materials - Hydrodynamic Instabilities - Fluid Mechanics 4.0 - Turbulence - Offshore Structures.

Session III. Advances in Multi-Physical Engineering

Heat and Mass Transfer - Applied Thermodynamics - Applied Fluid Mechanics - Applied Thermo mechanics - Fluid Structures Interactions – Soil structures interactions - Renewable Energy - Sustainable Environment - Green Energies - Aerospace and Marine constructions - Climate Technologies - Thermo mechanics - Electro mechanics - Modeling Techniques for Coupled SystemsHeat transfer in energy systems

Session IV. Advances in Mathematics and Industry 4.0

Digital Twins - Artificial Intelligence – Cybersecurity - Stochastic Analysis - Software Development- Pre- and Post-Processing - Fuzzy Logic - Interval Numbers -Neural Networks - Design Codes - Design Optimization - Evolutionary Algorithms - Probability and Statistics - Numerical Analysis - Differential

Equations - Partial Differential Equations - Finite Element Method - Meshless Method - Boundary Element Method - Harmonic Analysis - Complex Analysis.

5. IMPORTANT DATES

03/31/2026	Deadline for submitting commutations
04/17/2026	Notification of acceptance of communications

6. FEES GRID

The rates indicated include access to plenary conferences and sessions, the first day's welcome cocktail, coffee breaks, lunches and documentation.

	Reduced Fees (before 04/20/2026)	Full Fees (after 04/21/2026)
Students	1500 DH (150 €)	2000 DH (200 €)
Academics	2500 DH (250 €)	3000 DH (300 €)
Industriels	3000 DH (300 €)	3000 DH (300 €)

7. CONFERENCE LOCATION

The conference will be organized in the Higher National School of Electricity and Mechanics, Hassan II University of Casablanca.

8. ORGANIZING COMMITTEE

L. BOUSSHINE, ENSEM, Casablanca, Morocco
E. BOUDAIA, EST, Casablanca, Morocco
Z. El MASKAOUI, ENSEM, Casa, Morocco
E. AZELMAD, ENSEM, Casablanca, Morocco
E. BOUDI, EMI, Rabat, Morocco
M. BIDEQ, ENSA, Safi, Morocco
A. CHAABA, ENSAM, Meknès, Morocco
A. RIAD, ENSEM, Casablanca, Morocco
S. E. JALAL, ENSEM, Casablanca, Morocco
I. El HANTATI, ENSEM, Casablanca, Morocco
B. SAADOUKI, ENSEM, Casablanca, Morocco
H. RHIMINI, ENSEM, Casablanca, Morocco
A. SALMI, ENSEM, Casablanca, Morocco

9. SCIENTIFIC COMMITTEE

A. AKHIATE, ENSAM, Casablanca, Morocco
A. BERDAI, ENSEM, Casablanca, Morocco
A. CHAABA, ENSAM, Meknès, Morocco
A. CHOUAF, ENSEM, Casablanca, Morocco
A. EL MALIKI, ENSEM, Casablanca, Morocco
A. DAYA, FST, Errachidia, Morocco
A. OUBALLOUCH, EST, Casablanca, Morocco
A. OUESLATI, SMART Lab, Lille University, France
A. RIAD, ENSEM, Casablanca, Morocco
A. SAOUAB, UNIHAVRE, Normandie, France
B. SAADOUKI, ENSEM, Casablanca, Morocco
D. ZIED, ENIS, Sfax, Tunisia
E. BOUDAIA, EST, Casablanca, Morocco
E. BOUDI, EMI, Rabat, Morocco
E. AZELMAD, ENSEM, Casablanca, Morocco
E. LAABID, ENS, UQA, Marrakech, Morocco
E. MALLIL, ENSEM, Casablanca, Morocco
F. EL MARIAMI, ENSEM, Casablanca, Morocco
G. DE SAXCE, LaMcube, Lille University, France
G. GUERLEMENT, FPMS, Mons, Belgium
H. MOUNIR, EMI, UMV, Rabat, Morocco
H. RHIMINI, ENSEM, Casablanca, Morocco
I. El HANTATI, ENSEM, Casablanca, Morocco
K. EL HARROUNI, ENA, Rabat, Morocco
K. EL MAJDOUB, ENSEM, Casablanca, Morocco
K. ZARBANE, EST, Casablanca, Morocco
L. BOUSSHINE, ENSEM, Casablanca, Morocco
M. BIDEQ, ENSA, Safi, Morocco
M. BOUKENDIL, FSSM, Marrakech, Morocco
M. NASSRAOUI, EST, Casablanca, Morocco
M. RIAHI, ERA, Marrakech, Morocco
M. SEAID, DURHAM University, UK
N. ABRIAK, École des Mines de Douai, France
P. DEHOMBREUX, Mons University, Belgium
P. MANACH, UBS, IRDL, France
S. BELHOUIDEG, FPBM, Beni-Mellal, Morocco
S. DATOUSSAID, FE, UMONs, Mons, Belgium
S. E. JALAL, ENSEM, Casablanca, Morocco
Z. El MASKAOUI, ENSEM, Casablanca, Morocco

10. CONTACTS

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11. ORGANIZING INSTITUTIONS