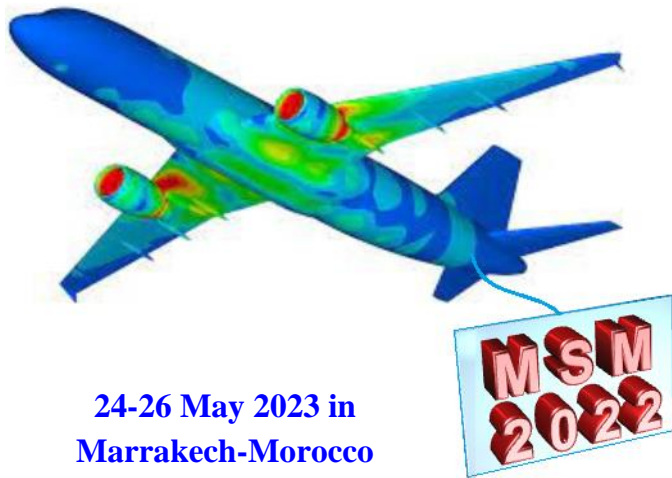




Call for papers

4th International Conference on Materials and Structures Mechanics



24-26 May 2023 in
Marrakech-Morocco

1. OBJECT

The 4th International Conference on the Mechanics of Structures and Materials allows the organization of a scientific meeting for researchers, engineers and industrialists. The main objective of this event is to promote the exchange of new ideas through plenary lectures, oral communications and posters. All the interventions that will be scheduled will aim to launch scientific debates on new strategic research areas in the Mechanics of Materials and Structures.

2. HISTORICAL

MSM 2014, MSM 2016 and MSM 2019 were the first, second and third versions of the International Conference on Mechanics of Structures and Materials. These editions were a great success and a strong participation of teacher-researchers and doctoral students during three days of intense activities. Renowned speakers, mainly from Morocco, Algeria, Tunisia, France and Belgium honored their invitations, despite travel constraints, with plenary presentations on the results of their research work.

3. CALL FOR PAPERS

Submissions must be made via the MSM'2022 website: <https://msm2022.sciencesconf.org/> before **February 25, 2023** in the form of a communication of no more than 10 pages according to the proposed outline, in French or English in Word and PDF files.

The decision of the scientific committee will be communicated to the authors before **25 March 2023**.

All selected proposals will be published in the conference proceedings in the form of a book with an ISBN number.

At the end of the conference, the scientific committee, assisted by the session chairs, will select the best contributions for publication in a specialized journal.

4. CONFERENCE THEMES

Scientific themes of conference are summarized below:

Session1. Mechanical Engineering and Technology

- Mechanical engineering and mechanics
- Fatigue and creep behavior of the advanced materials
- Mechanical behavior and failure mechanics
- Advanced material characterization

- Materials processes and applications for high-performance composites
- Engineering design methodology and design
- Vibration and control of mechanical systems
- Friction and wear mechanism
- Nontraditional manufacturing
- Severe plastic deformation
- High-strength polymers
- Welding and joining processes
- Hot corrosion, oxidation, wear and erosion
- Analysis and simulation of manufacturing processes

Session2. Civil and Geotechnical Engineering

- Concrete structural engineering
- Steel structural engineering
- Wood structural engineering
- Earthquake engineering
- Geotechnical engineering
- Infrastructure engineering
- Hydraulic engineering
- Wind, fire & blast resistant design of structures
- Advancements in construction practices
- Structural rehabilitation & retrofitting of structures.

Session3. Multiphysics Engineering and Mathematics

- Computational methods
- Computational techniques
- Engineering modeling, simulation including pre- and post-processing
- Engineering design, optimization and manufacture
- Engineering applications of computational technology
- Software development and maintenance for engineering applications
- Computational fluid dynamics
- Heat transfer in energy systems
- Advances in aerodynamics

Computational engineering: education and training.

5. IMPORTANT DATES

25/02/2023	Deadline for submitting commutations
25/03/2023	Notification of acceptance of communications

6. TARIFF 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 25/04/2023)	Full Fees (after le 26/04/2023)
Students	1500 DH (150 €)	2000 DH (200 €)
Academics	2500 DH (250 €)	3000 DH (300 €)
Industriels	3000 DH (300 €)	3500 DH (300 €)

7. CONFERENCE LOCATION

The conference will be organized in a hotel in the city of Marrakech - Morocco.

8. ORGANIZING COMMITTEE

L. BOUSSHINE, ENSEM, Casablanca, Morocco
E. BOUDAIA, EST, Casablanca, Morocco
Z. EI 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
H. DARNIF, ENSEM, Casablanca, Morocco
A. SALMI, ENSEM, Casablanca, Morocco
T. TOUGUI, ENSEM, Casablanca, Morocco

M. ESSKELY, ENSEM, Casablanca, Morocco

M. HESAYN, ENSEM, Casablanca, Morocco

9. SCIENTIFIC COMMITTEE

A. CHAABA, ENSAM, Meknès, Morocco
A. BERDAI, ENSEM, UHIIC, Casablanca, Morocco
A. EL KAABOUCI, ENA, Rabat, Morocco
A. DAYA, FST, Errachidia, Morocco
A. NIAZI, EHTP, Casablanca, Morocco
A. OUESLATI, LML, USTL, Lille, France
A. RIAD, ENSEM, Casablanca, Morocco
A. SAOUAB, Université de Rouen, France
D. SI BACHIR, UST Houari boumediene, Algérie
D. ZIED, ENIS, Sfax, Tunisia
E. BOUDAIA, EST, Casablanca, Morocco
E. BOUDI, EMI, Rabat, Morocco
E. AZELMAD, ENSEM, Casablanca, Morocco
E. FILIPPI, FPMs, UMONs, Mons, Belgium
E. LAABID, ENS, UQA, Marakech, Morocco
E. SKALLI, ENSEM, UHIIC, Casablanca, Morocco
F. GHANAMI, UIR, Rabat, Morocco
G. DE SAXE, LML, USTL, Lille, France
G. GUERLEMENT, FPMS, Mons, Belgium
H. EJJAAOUANI, LPEE, Casablanca, Morocco
H. EL OUARDI, ENSEM, Casablanca, Morocco
H. MOUNIR, EMI, UMV, Rabat, Morocco
J.P. TSHIBANGU, FPMS, UMONs, Mons, Belgium
K. LAHLOU, EHTP, Morocco
K. EL HARROUNI, ENA, Rabat, Morocco
K. ZARBANE, EST, Casablanca, Morocco
L. A. BRAHIM, FSA, UMV, Rabat, Morocco
L. BOUSSHINE, ENSEM, Casablanca, Morocco
M. BIDEQ, ENSA, Safi, Morocco
M. CHAGDALI, FFS Ben M'Sik, Casa, Morocco
M. ERROUAITI, LPEE, Casablanca, Morocco
M. L. ABIDI, EMI, UMV, Rabat, Morocco

M. HJIAJ, INSA Rennes,UEB, Renne, France

M. NASSRAOUI, EST, Casablanca, Morocco

M. S. ABID, ENIS, Sfax, Tunisia

N. DAMIL, FS Ben M'Sik, Casablanca, Morocco

N. ABRIAK, École des Mines de Douai, France

P. BOUILLARD, ULB, Bruxcel, Belgium

P. DEHOMBREUX, FPMS, Mons, Belgium

P. MANACH, UBS, IRDL, France

R. BOUSSEHAIN, INSA-STRASBOURG, France

R. OHAYON, CNAM, Paris, France

S. DATOUSSAID, FPMS, UMONs, Mons, Belgium

S. E. JALAL, ENSEM, Casablanca, Morocco

Y. GHABBAR, EHTP, Casablanca, Morocco

Z. BEIDOURI, EST, Casablanca, Morocco

Z. EI MASKAOUI, ENSEM, Casablanca, Morocco

10. CONTACTS

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11. ORGANIZING INSTITUTIONS

