

The Laboratory of Structural Mechanics and Materials organizes

CALL

THE 3RD INTERNATIONAL WORKSHOP ON STRUCTURAL MECHANICS AND MATERIALS

IWSMM'24

FOR

PAPERS



IWSMM'24

3rd International Workshop
on Structural Mechanics and Materials
April 23-24, 2024

Workshop Honorary Chair

Dr. Hacene SMADI

Rector of the University of Batna 2

Workshop Chair

Pr. Toufik OUTTAS

University of Batna 2

Scientific Committee Chair

Dr. Abdennour BENCHIZIA

University of Batna 2

Organization Committee Chair

Pr. Salah MADANI

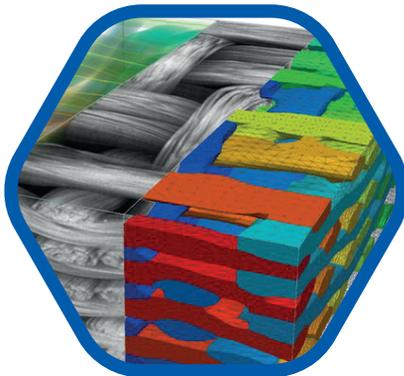
University of Batna 2

TOPICS

MATERIALS

MECHANICAL CONSTRUCTION AND MANUFACTURING

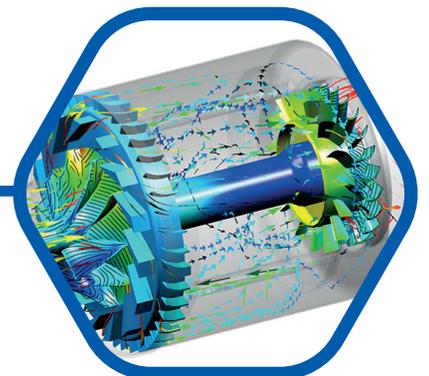
ENERGETICS



- Materials characterization
- Thin films and interfaces
- Mechanics of heterogeneous materials
- Composite, Polymers and Smart Materials
- Cellular materials.
- Nanomaterials.
- Metallurgical processes.
- Innovative materials
- Biomechanics and Biomaterials
- Material recycling and environmental assessment



- Calculation and modeling of structures
- Mechanical design, CAD/CAM
- Robotics
- Additive manufacturing
- Dynamics and vibrations
- Engineering Systems Design and Analysis
- Machining (CNC, optimization of machining parameters, UGV)
- Forming processes for advanced materials
- Plastic injection
- Design, modeling and diagnosis of machining machines



- Heat and mass transfer
- Heat exchangers
- Fluid dynamics and CFD
- Renewable energies and sustainable development
- Hydraulic and thermal turbomachines
- Aerodynamics and aeronautics
- Biosystems engineering
- Cogeneration of heat and power
- Biomass
- Energy Storage Technologies

Publication

Selected papers will be published in a special
issue of the Journal of Renewable Energies
(ISSN: 1112-2242 EISSN: 2716-8247)



Important dates

Full paper submissions deadline: March 20, 2024
Acceptance notification: March 30, 2024
Late registration deadline: April 01, 2024

Submission

Authors should submit their full manuscripts
via the workshop's online submission page.

Contact

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