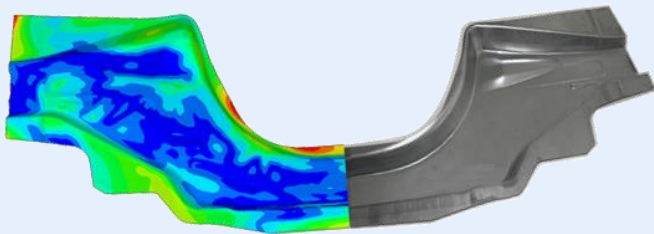


CALL FOR PAPERS

Scope

Organized by the Laboratory of Mechanics, Modeling and Manufacturing (LA2MP) of the National School of Engineers of Sfax, Tunisia, the third edition of the international conference on Advanced Materials, Mechanics and Manufacturing "a3m" is aiming to promote scientific and technology exchanges between researchers and industrial communities in various fields dealing with material behavior, characterization, simulation and its applications in manufacturing processes.



Program

During three days, the conference will include plenary sessions, special sessions as well as oral presentations.

Accepted papers will be published in the springer conference proceeding.



INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS MECHANICS AND MANUFACTURING

March 20 – 21, 2023

Organized by



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CALL FOR PAPERS

Important deadlines

Full Papers Due	January 31, 2023
Acceptance Notification	February 15, 2023

Registration fees

Student : 450 €

Academic : 500 €

Industrial : 700 €

Submission of papers

The official language of the conference is English.

The authors have to provide a full paper according to the template available on the conference website and should submit the full version of their manuscripts online using EasyChair.

For any additional information, please check the conference website

<https://la2mp.org/a3m2023/>



INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS MECHANICS AND MANUFACTURING

Conference location

The conference will be held in Sousse, Tunisia
20 and 21 march, 2023



Main Topics

- Material behavior: modelling and characterization**
 - Plasticity
 - Damage, Fracture
 - Dynamic behavior, Fatigue
 - Crash
 - New characterization methods
- Simulation**
 - Process simulation
 - Contact mechanics and tribology
 - Microstructure, Multi-scales
 - Inverse techniques
 - Heat transfer
 - Fluid
 - Renewable energy
- Technologies**
 - Sheet forming, Forging
 - Joining, Welding
 - Cutting, Machining
 - Sintering, Additive manufacturing, Coatings
 - Design engineering
 - Smart/Intelligent manufacturing
- Materials**
 - Metals, Ceramics, Polymers
 - Composites
 - Powder metallurgy
 - Biomaterials
 - Nanomaterials