



The Eight Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS 2022)

Organized and Hosted By

Department Of Mechanical Engineering, Indian Institute of Technology Guwahati, Assam - 781039.

On 11-14 December, 2022

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

AIM

The Eighth Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS 2022) is the successor of the seventh one held at Tohoku University, Japan. You are invited to participate in the ACMFMS 2022 to be held from 11-14 December 2022 in IIT Guwahati. Like the last conference, this conference will provide a forum for researchers and academics, particularly from Asia and the neighbouring region, to interact, exchange ideas and establish relationships, with a view to future cooperation and subsequent development of research in theoretical and applied mechanics of solids. Young university faculty and researchers are especially encouraged to participate and to use this opportunity to network with others in similar situations, who will also be seeking to develop their research abilities and experience.

ABSTRACTS, POSTERS AND PAPERS

An electronic form (MS-Word format) of abstracts (about 500 words) with title, name, address, phone/fax number and e-mail address should be submitted to the Secretariat or Co-Chairs via acmfms2022@iitg.ac.in, acmfms2022@gmail.com. The presentation form (oral or poster) for each accepted abstract will be informed with instructions for poster format on the conference website (under construction). All delegates are encouraged to submit full manuscripts for publication in the Proceedings and selected papers will be published in the International Journal of Applied Mechanics, Composite Structures, Acta Mechanica, Advanced Engineering Materials, Journal of Vibration Engineering & Technologies through a regular review process.

TOPICS

This is a conference on theoretical and applied mechanics of solids, with a particular focus on the following, but not limited to them.

- Mechanics of Functional and Intelligent Materials.
- Mechanics of Functional and Smart Structures.
- Structural Health Monitoring.
- Elasticity (Mathematical, Thermal, Electro, Electro magneto, Photo).
- Plasticity (Mathematical, Multiscale, Thermo, Visco).
- Fracture and Damage Mechanics.
- Impact Mechanics and Dynamics Material Behavior
- Contact Mechanics.
- Solid-Fluid Interaction.
- Biomechanics, Biomaterials.

IMPORTANT DATE

Submission of abstract

April 30, 2022

Notification of acceptance

May 31, 2022

Submission of a 4-page paper

July 31, 2022



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