



8th International Congress on Computational Mechanics and Simulation (ICCMS 2022)

Under the Auspices of Indian Association for Computational Mechanics (IndACM)

Organized by: Indian Institute of Technology, Indore
Venue: IITI, Khandwa Road, Simrol, Madhya Pradesh. 453552

Background of ICCMS

Under the auspices of the Indian Association for Computational Mechanics (IndACM), International Congress on Computational Mechanics and Simulation (ICCMS) is organized biennially. The Association was founded on 1st January 2000 and has about 200 life members. The 7th ICCMS was held at Indian Institute of Technology, Mandi. Computational Mechanics, being an interdisciplinary domain of mechanics, involving mathematical models of physical real-life problems and their solutions, the congress is typically attended by delegates with background in civil engineering, mechanical engineering, aerospace engineering, materials engineering/science, physics, mathematics and other disciplines.

About the Organizing Institute: IIT Indore



Following its excellent performance in research, IIT Indore has already gained attention worldwide as one of the top academic institutes in India. THE has ranked IIT Indore just after IISc Bangalore among Indian institutes. Keeping up with the pace, we wish to organize the next International Congress on Computational Mechanics (ICCMS) at IIT Indore, which is scheduled to be held in the year of 2022.



Important Dates

- Deadline for 2500 characters abstract: 26th November 2022 (extended)
- Beginning of regular registration: 01st October 2022
- Deadline for submission of full-length paper: 30th November 2022 (regular registration)
- Congress date: 09th – 11th December 2022

Call for Papers

Technical papers are invited from researchers, engineers and scientists working in any field of computational mechanics and simulation of real-life problems. A 2500 characters abstract may be submitted through online submission portal provided in the conference website. Communicating authors of the accepted abstracts will be notified through e-mail. All accepted papers, after review by the peers, will be included in electronic proceedings of the ICCMS 2022. The electronic proceedings will be distributed amongst registered delegates of the ICCMS 2022. At least one author of the paper to be included in the proceedings will have to register for the ICCMS 2022.

Sub-Domains for Abstract Submission

- Biomechanics
- Computational Fluid Dynamics and Transport Phenomena
- Computational Geomechanics and Geotechnics, Natural Materials
- Computational Structural Dynamics
- Constitutive Modelling of Materials, Composites and Multifunctional Materials
- Fracture and Failure Mechanics
- Interfaces, Contacts and Interactions
- Multiscale and Multiphysics Problems, Simulation
- Numerical Methods and Algorithms in Engineering and Science
- Simulation and Analysis under Accidental and Extreme Loadings
- Structural Health Monitoring, Vibration Control
- Structural Mechanics, Materials and Engineering
- Uncertainty Quantification, Reliability Analysis
- Application of Computational Techniques in Other Area.

Organizing Committee

Patron

Prof. Suhas S. Joshi, Director, IIT Indore

Mentor

Prof. Tarun Kant, Founding President, IndACM (Professor Emeritus, IIT Bombay)

Core Organizing Committee

Dr. Saikat Sarkar, CE, IIT Indore (Convenor)
Dr. Abhishek Rajput, CE, IIT Indore (Co- Convenor)
Dr. Neelima Satyam D, CE, IIT Indore (Co- Convenor)
Dr. Sandeep Chaudhary, CE, IIT Indore (Co- Convenor)
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Dr. Mayur Shirish Jain, CE, IIT Indore

Student Coordinator

Mr. Mukul Saxena, Research Scholar, CE, IIT Indore

Contact Us

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Registration

Delegate Category	Early-Bird Registration	Regular Registration
	Up To 30 th Sept 2022	1 st Oct to 30 th Nov 2022
Students/Research Scholar# (SAARC Countries)	₹ 4000	₹ 4500
Students/Research Scholar (Others)	US\$250	US\$350
Regular Delegates* (SAARC Countries)	₹ 7000	₹ 8000
Regular Delegates* (Others)	US\$350	US\$450
Spouse/Accompanying Person (SAARC Countries)	₹ 2500	₹ 3000
Spouse/Accompanying Person (Others)	US\$150	US\$250

#Limited number of shared and semi-furnished hostel accommodations (3 nights) are available on additional payment of ₹ 1500 along with registration fee.

**All regular delegates, having IndACM membership, will be provided discount in the registration fees (₹ 500 for SAARC Countries and USD\$ 50 for Others).*

On the spot registration:

Delegates from SAARC Countries: ₹ 9500

Delegates from Other Countries: US\$ 500

Tourist Attraction

The city of Indore has been awarded by the Govt. of India as the cleanest city of India. Especially, one should visit the old temples of mythological and religious importance by the rivers Narmada and Shipra. Besides, IIT Indore campus is also quite beautiful with state-of-the-art facilities and a forest just outside the campus.