

First Announcement by Indian Institute of Technology Mandi  
(IIT Mandi)



7<sup>th</sup> International Congress on Computational Mechanics and Simulation  
(ICCMS 2019)

Wednesday, 11<sup>th</sup> – Friday, 13<sup>th</sup> December 2019

under the auspices of

Indian Association for Computational Mechanics (IndACM)

Background of ICCMS

Under the auspices of the Indian Association for Computational Mechanics (IndACM), ICCMS is organized biennially. The Association was founded on 1<sup>st</sup> January 2000 and has about 200 life members. The 6<sup>th</sup> ICCMS was held at Indian Institute of Technology Bombay. 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.

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 25000 characters abstract may be submitted through [online submission portal](#) provided in the conference website by Sunday, 31<sup>st</sup> March 2019 ([Click Here](#)).

*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 Areas

Important Dates

- Deadline for 2500 characters abstract: 31<sup>st</sup> March 2019
- Notification of abstract acceptance: 15<sup>th</sup> April 2019
- Submission of full-length paper: 15<sup>th</sup> April – 30<sup>th</sup> May 2019
- Last date for submission of camera-ready accepted full-length paper: 30<sup>th</sup> September 2019
- Beginning of registration: 1<sup>st</sup> March 2019
- Congress date: 11<sup>th</sup> – 13<sup>th</sup> December 2019

About the Organizing Institute - IIT Mandi

Nestled in the Sivalik Range of the Himalayas, away from the bustle of the metropolis, a new abode of learning has germinated. IIT Mandi has been established with the vision to be a leader in science and technology education, knowledge creation and innovation, in an India marching towards a just, inclusive and sustainable society.

The institute has four academic sections in the form of schools (School of Engineering, School of Computing and Electrical Engineering, School of Basic Sciences and School of Humanities and Social Sciences). The School of Engineering encompasses various research groups from civil, mechanical and materials engineering.

Contact

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