

# 8<sup>th</sup> International Congress on Computational Mechanics and Simulation (ICCMS 2021)

Friday, 10<sup>th</sup> – Sunday, 12<sup>th</sup> December 2021

First Announcement by

Department of Civil Engineering, Indian Institute of Technology, Indore

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. 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 2500 characters abstract may be submitted through online submission portal provided in the conference website by Friday, 30<sup>th</sup> April 2021 ([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
- 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

## Important Dates

- Deadline for 2500 characters abstract: 30<sup>th</sup> April 2021
- Notification of abstract acceptance: 15<sup>th</sup> May 2021
- Submission of full-length paper: 15<sup>th</sup> May – 30<sup>th</sup> June 2021
- Beginning of registration: 15<sup>th</sup> May 2021

## Contact

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