

Important Dates

- Deadline for 2500 characters abstract: 14th April 2019
- Deadline for submission of full-length paper: 30th May 2019
- Beginning of registration: 15th April 2019
- Congress date: 11th – 13th December 2019

Organizing Committee

Patron

Prof. Timothy Gonsalves, Director, IIT Mandi

Mentor

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

Core Organizing Committee

Dr. Sandip Kumar Saha, IIT Mandi (Convenor)

Dr. Kaustav Sarkar, IIT Mandi

Dr. Rajneesh Sharma, IIT Mandi

Dr. Maheshreddy Gade, IIT Mandi

Dr. Subhamoy Sen, IIT Mandi

Dr. Venkata Uday Kala, IIT Mandi

Dr. Mousumi Mukherjee, IIT Mandi

Dr. Rajesh Ghosh, IIT Mandi

Dr. Gaurav Bhutani, IIT Mandi

Contacts

For further details please contact:

Dr. Sandip Kumar Saha (Convenor),

School of Engineering, Indian Institute of Technology Mandi,
VPO – Kamand, Pin – 175 005, Himachal Pradesh, India.

Contact: (+91) 8894099457;

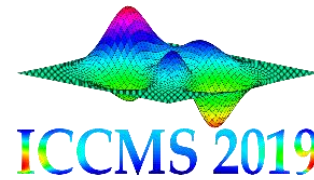
E-Mail: iccms2019@iitmandi.ac.in;

Website: iccms2019.iitmandi.ac.in.

Tourist Attractions

Mandi is gateway of several internationally recognized tourist destinations. A post congress tour will be organized to Parashar Lake, a scenic tourist destination situated at 1.5-2 hr drive from IIT Mandi campus. Further details on tour registration and payment will be shared through congress website.

Some other attractive places to be explored in and around can be found in the following link: <https://hpmandi.nic.in/tourist-places/>.



IndACM
Indian Association for Computational Mechanics

7th International Congress on Computational Mechanics and Simulation (ICCMS 2019)

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

Organized by

Indian Institute of Technology Mandi (IIT Mandi)

Date: Wednesday, 11th – Friday, 13th December 2019
Venue: IIT Mandi, VPO – Kamand, Mandi, Himachal
Pradesh - 175005, India

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 6th 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.

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; School of Engineering, School of Computing and Electrical Engineering, School of Basic Sciences and School of Humanities and Social Sciences. School of Engineering, the organizing school, encompasses various research groups from civil, mechanical and materials engineering.



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/papers may be submitted through online submission portal provided in the conference website (http://iccms2019.iitmandi.ac.in/index_abstract.html).

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

Registration

| Delegate Category | Early-Bird Registration | Regular Registration |
|--|---------------------------------|--|
| | Up To 31 st Aug 2019 | 1 st Sept to 3 rd Dec 2019 |
| Students/Research Scholar# (SAARC Countries) | ₹3500 | ₹4000 |
| Students/Research Scholar (Others) | US\$250 | US\$350 |
| Regular Delegates* (SAARC Countries) | ₹6500 | ₹7500 |
| Regular Delegates* (Others) | US\$350 | US\$450 |
| Spouse/Accompanying Person (SAARC Countries) | ₹2000 | ₹2500 |
| 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 ₹ 1000 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).

List of Speakers

More than 30 internationally renowned experts have already confirmed speeches and participation during the congress. A list of already confirmed speakers are provided below (not in any particular order).

Prof. Tarun Kant, Indian Institute of Technology Bombay, Mumbai, India
 Prof. Jeng-Tzong Chen, National Taiwan Ocean University, Taiwan
 Prof. Tomonori Yamada, University of Tokyo, Tokyo, Japan
 Prof. Rakesh Kapania, Virginia Polytechnic Institute, Virginia, USA
 Prof. Gopalakrishnan Srinivasan, Indian Institute of Science, Bangalore, India
 Prof. Ramesh Talreja, Texas A&M University, Texas, USA
 Prof. Gautam Biswas, Indian Institute of Technology Guwahati, Guwahati, India
 Prof. Stéphane Bordas, Université du Luxembourg, Esch-sur-Alzette, Luxembourg
 Prof. Ferri M H Aliabadi, Imperial College, London, UK
 Prof. Romesh C Batra, Virginia Tech, Blacksburg, USA
 Prof. Sanjay Mittal, Indian Institute of Technology Kanpur, Kanpur, India
 Prof. Gui Rong Liu, University of Cincinnati, Ohio, USA
 Prof. Santosh Kapuria, CSIR-SERC, Chennai, India
 Prof. Debasish Roy, Indian Institute of Science, Bangalore, India
 Prof. Nelson Lam, University of Melbourne, Melbourne, Australia
 Prof. Chongmin Song, University of New South Wales, Sydney, Australia
 Prof. Gangadhara Prusty, University of New South Wales, Sydney, Australia
 Prof. L S Ramachandra, Indian Institute of Technology Kharagpur, Kharagpur, India
 Prof. Vasant Matsagar, Indian Institute of Technology Delhi, New Delhi, India
 Prof. M S Mohan Kumar, Indian Institute of Science, Bangalore, India
 Prof. Yogesh M Desai, Indian Institute of Technology Bombay, Mumbai, India
 Prof. Deepankar Choudhury, Indian Institute of Technology Bombay, Mumbai, India
 Prof. J M Chandra Kishen, Indian Institute of Science, Bangalore, India
 Prof. B N Singh, Indian Institute of Technology Kharagpur, Kharagpur, India
 Prof. B S Murty, Indian Institute of Technology Madras, Chennai, India
 Prof. T I Eldho, Indian Institute of Technology Bombay, Mumbai, India
 Prof. D Nagesh Kumar, Indian Institute of Science, Bangalore, India
 Prof. Subimal Ghosh, Indian Institute of Technology Bombay, Mumbai, India
 Prof. Sudhir Kumar Barai, Indian Institute of Technology Kharagpur, Kharagpur, India
 Prof. Maloy Kumar Singha, Indian Institute of Technology Delhi, New Delhi, India
 Prof. S Pradyumna, Indian Institute of Technology Delhi, New Delhi, India
 Prof. Suhail Ahmad, Indian Institute of Technology Delhi, New Delhi, India
 Prof. Debiprosad Roy Mahapatra, Indian Institute of Science, Bangalore, India

Complete updated list of confirmed speakers can be seen at:
<http://iccms2019.iitmandi.ac.in/#speakers>.