Third Announcement and Call for Papers

Joint International Conference on Multibody System Dynamics

The 6th IMSD

The 10th Asian Conference on Multibody Dynamics

ACMD 2020

New Delhi, India
November 1-5, 2020

For more information
http://imsdacmd2020.iitd.ac.in
Venue
The conference is organised by Indian Institute of Technology Delhi (IIT Delhi) and will take place at Eros Hotel in Nehru Place, New Delhi, India. New Delhi is the capital of the country and is directly connected by air from many cities worldwide. The weather during the conference will be pleasant (13° to 27° C). The city has many historical monuments and is one of the most visited places by foreigners.

Call for Papers
Authors are invited to submit two page extended abstracts, clearly stating the objectives, results and conclusions of the work to be discussed in the presentation. After the review process, accepted abstracts will be included in the book of abstracts. Full paper submission is optional, which will be subjected to further peer-review to be included in one of three Springer publications mentioned under Authors Center in the website.

Social Program
Beside a reception and a conference banquet, an excursion to Agra (Taj Mahal) will be arranged for interested participants. Please visit the website for further information.

Important Dates

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<th>Two page abstract submission deadline</th>
<th>Notification of acceptance/rejection</th>
<th>Final paper submission (optional) deadline</th>
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<tr>
<td>April 30, 2020</td>
<td>May 31, 2020</td>
<td>August 31, 2020</td>
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The 6th Joint International Conference on Multibody System Dynamics (IMSD 2020) and the 10th Asian Conference on Multibody Dynamics (ACMD 2020) will be held during November 1-5, 2020 at Eros Hotel, Nehru Place, New Delhi, India. Further information can be found on the webpage http://imsdacmd2020.iitd.ac.in

Objectives

The biannual international conferences IMSD and ACMD aim to bring together researchers in multibody dynamics from both academia and industry and to promote opportunities to exchange cutting-edge information on the theory and application of multibody systems. As one of the rapidly growing branches of mechanical engineering, multibody system dynamics is applied to various applications, and is becoming increasingly important in the development of complex engineering systems. The IMSD and ACMD will provide a unique opportunity to identify the current challenges, share solutions, and promote friendships between the two multibody dynamics communities.

The topics of the conference include, but are not limited to:

- Applications, Multidisciplinary Methods, and Other Topics
- Benchmark Problems in Multibody System Dynamics (MSD)
- Biomechanics
- Computational Methods and Real-Time Applications
- Contact, Impact, and Constraints
- Control, Mechatronics, and Robotics
- Dynamics of Vehicles
- Flexible Multibody Systems
- Modeling, Formalisms, and Theoretical Methods
- Multibody Kinematics
- MSD for Social Applications
- Optimization, Sensitivity Analysis, and Parameter Identification

Scientific Committee

The 6th Joint International Conference on Multibody System Dynamics and the 10th Asian Conference on Multibody Dynamics are supervised by the Joint International Scientific Committee (JISC), whose members are below:

- Jorge Ambrosio (Portugal)
- Alberto Cardona (Argentina)
- Jin Hwan Choi (Korea)
- Javier Cuadrado (Spain)
- Peter Eberhard (Germany)
- Makoto Iwamura (Japan)
- Rama Krishna K (India)
- Andrés Kecskeméthy (Germany)
- Sung-Soo Kim (Korea)
- Caishan Liu (China)
- Jinyang Liu (China)
- John McPhee (Canada)
- Aki Mikkola (Finland)
- Subir Kumar Saha (India)
- Corina Sandu (USA)
- Radu Serban (USA)
- Taichi Shiiba (Japan)
- Etsujiro Imanishi (Japan)
- Robert Seifried (Germany)
- Radu Serban (USA)
- Shankar Venugopal (India)
- Hao Wang (China)
- Hong Hee Yoo (Korea)

Keynote Speakers

The conference will have keynote lectures by the following experts in the field of Multibody Dynamics:

- Alberto Cardona (Argentina)
- Etsujiro Imanishi (Japan)
- Robert Seifried (Germany)
- Radu Serban (USA)
- Shankar Venugopal (India)
- Hao Wang (China)
- Hong Hee Yoo (Korea)
Conference Chair:
Prof. Subir Kumar Saha
Department of Mechanical Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110 016, India

Conference Co-Chair:
Prof. Rama Krishna K
Department of Mechanical Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110 016, India

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imsdacmd2020@iitd.ac.in

Endorsed By:

Association for Machines and Mechanisms (India)
The Robotics Society (India)
Indian Society of Mechanical Engineers

International Federation for the Promotion of Mechanism and Machine Science
International Union of Theoretical and Applied Mechanics
The Japan Society of Mechanical Engineers
The Korean Society of Mechanical Engineers