

First Announcement and Call for Papers



The 4th : Joint International Conference on IMSD
: Multibody System Dynamics

Montréal, Canada
May 29 – June 2, 2016

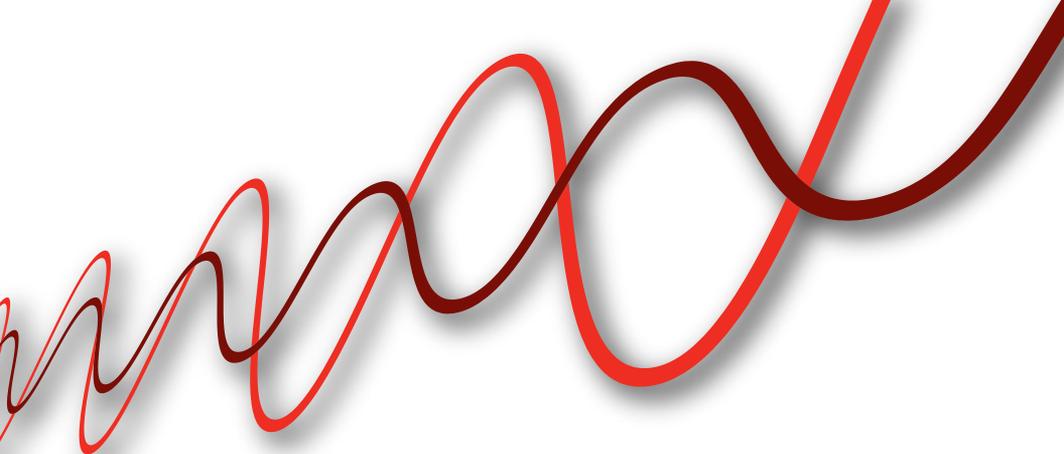
For more information:
www.cim.mcgill.ca/imsd2016



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WATERLOO



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Venue

The conference will take place at McGill University and will be organized in partnership with the University of Waterloo.

McGill University was established in 1821, and is one of the major research centres in Canada. It is located in the heart of downtown Montréal. The airport of Montréal is an important hub in North America and can be easily reached from all over the world.

Call for Papers

Authors are invited to submit two-page abstracts, clearly stating the objectives, results and conclusions of the work to be discussed in the presentation. All abstracts will be reviewed and included in the book of abstracts.

Social program

A Reception, a Conference Dinner and a Social Event will be organized.

Important Dates

Two page abstract submission deadline
November 27, 2015

Notification of acceptance/rejection
January 22, 2016

Final paper submission deadline
March 18, 2016

The 4th Joint International Conference on Multibody System Dynamics

IMSD

The Fourth Joint International Conference on Multibody System Dynamics, IMSD, will be held in Montréal, Québec, Canada, on May 29 – June 2, 2016

Further information can be found on the website www.cim.mcgill.ca/imsd2016

Objectives

Multibody dynamics as an engineering discipline has become an important tool for virtual prototyping, machine design and computer-aided analysis of complex articulated mechanical systems. Multibody dynamics comprises a number of aspects, including mechanics, structural dynamics, applied mathematics, control methods, computer science and mechatronics.

The purpose of the conference is to serve as a meeting point for the international multibody community.

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

- Benchmark Problems in Multibody System Dynamics
- 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
- Multidisciplinary Methods, Applications, and Other Topics
- Optimization, Sensitivity Analysis, and Parameter Identification

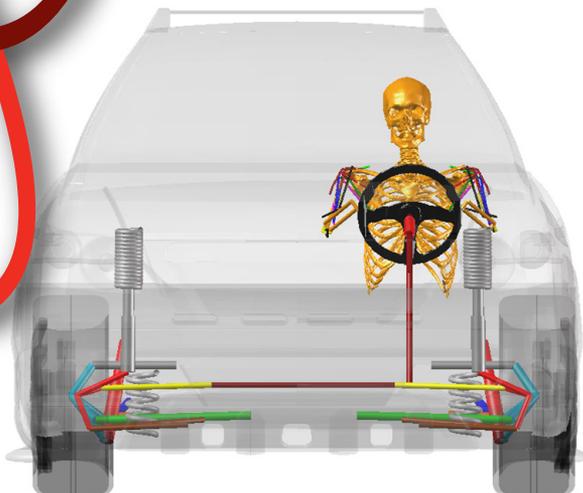
Steering Committee

The Joint International Conference on Multibody System Dynamics is supervised by an International Steering Committee:

- Javier Cuadrado (Spain)
- Peter Eberhard (Germany)
- Paulo Flores (Portugal)
- Josep M. Font-Llagunes (Spain)
- Sung-Soo Kim (South Korea)
- Jin-Yang Liu (China)
- Aki Mikkola (Finland)
- Dan Negrut (U.S.A.)
- Subir Kumar Saha (India)
- Yoshihiro Suda (Japan)
- Hiroyuki Sugiyama (U.S.A.)
- Yoshiaki Terumichi (Japan)

Keynote Speakers

- Jorge Ambrósio (Portugal)
- Jorge Angeles (Canada)
- Paul Fiset (Belgium)
- Javier García de Jalón (Spain)
- Sung-Soo Kim (South Korea)
- Parviz Nikravesh (U.S.A.)
- Taichi Shiiba (Japan)



Conference Organization

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Travel & Accommodation

Information available on conference website:
www.cim.mcgill.ca/imsd2016

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