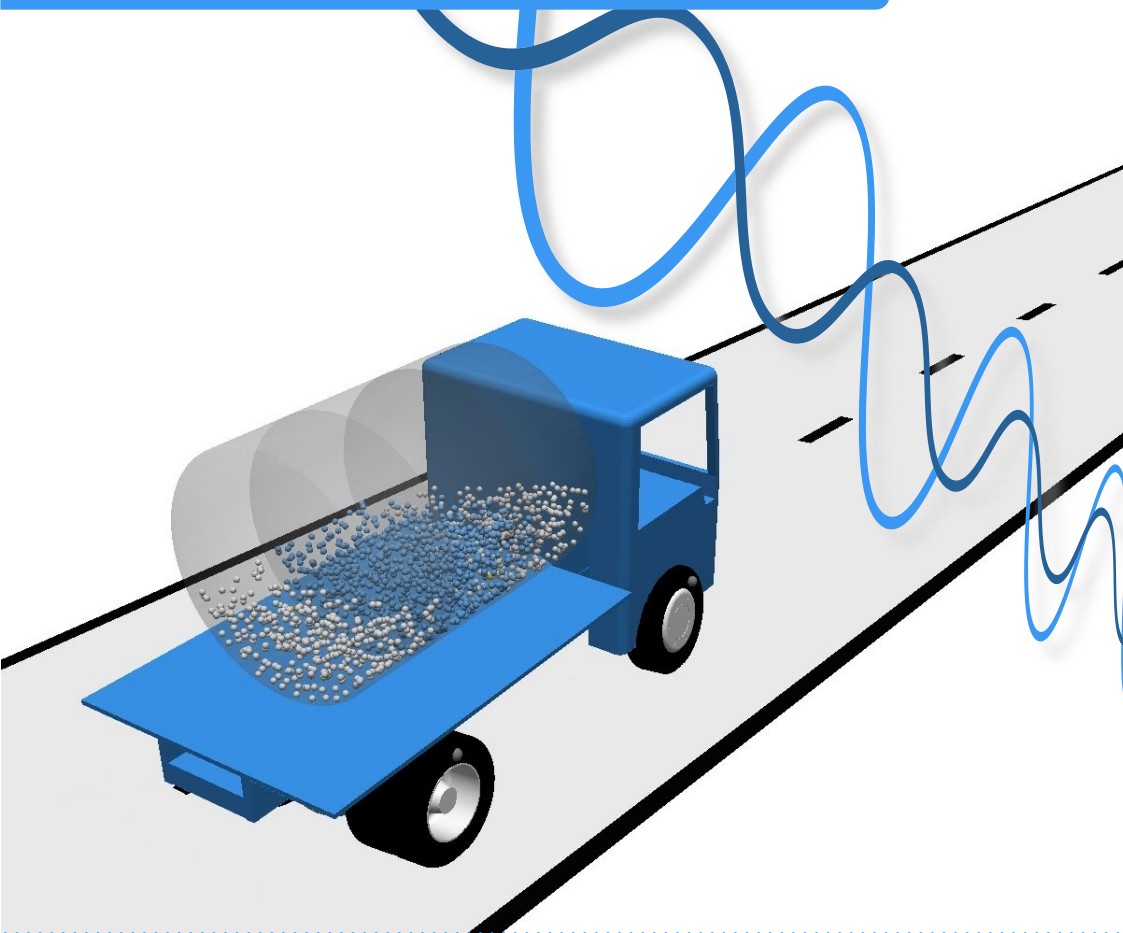


First Announcement and Call for Papers

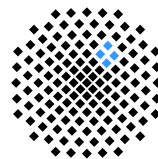


The 2nd : Joint International Conference on
: Multibody System Dynamics

IMSD

Stuttgart, Germany,
May 29 - June 1, 2012

For more information
www.itm.uni-stuttgart.de/imsd2012



University of Stuttgart

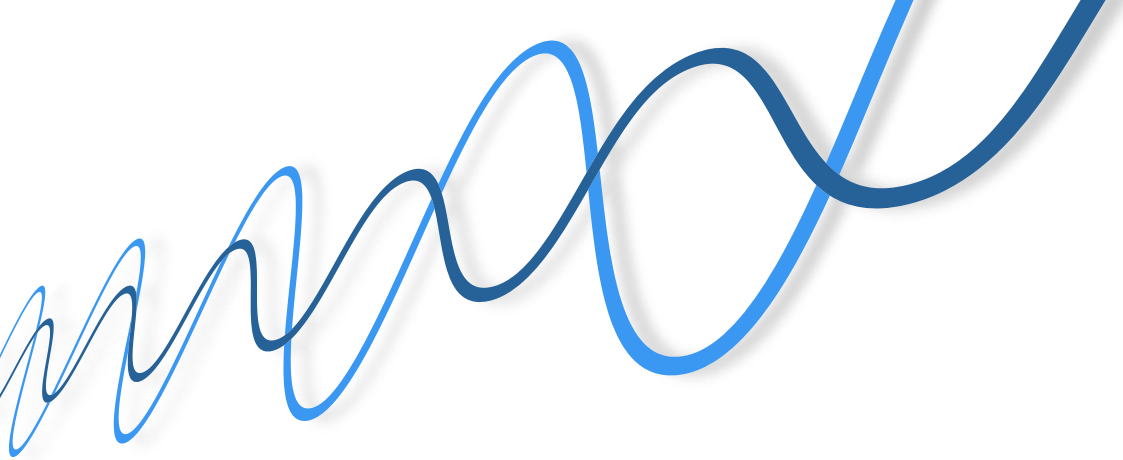


Photo: University of Stuttgart

Venue

The conference will take place at the University of Stuttgart, located in the southwest of Germany. The University of Stuttgart was founded in 1829 and is one of the major universities in Germany. The conference location will be the campus of the University of Stuttgart in Vaihingen which can easily be reached by public transportation.



Photo: Wilhelma

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

Besides a Get-Together and a Reception, a conference dinner will be organized.

Important Dates

**Two page abstract
submission deadline**
November 28, 2011

**Notification of
acceptance/rejection**
January 23, 2012

**Final paper submission
deadline**
March 19, 2012

The 2nd Joint International Conference on Multibody System Dynamics

IMSD

The Second Joint Conference on Multibody System Dynamics, IMSD, will be held in Stuttgart, Germany, May 29 - June 1, 2012

Further information can be found on the web page www.itm.uni-stuttgart.de/imsd2012

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 and computer science, as well as 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 restricted to:

- Algorithms, Integration Codes and Software
- Biomechanics
- Contact and Impact Problems
- Dynamics of All Vehicles
- Dynamics of Machines and Rotating Structures
- Efficient Methods and Real-Time Applications
- Flexible Multibody Systems
- Optimization, Sensitivity Analysis and Parameter Identification
- Robotics, Control and Mechatronics
- Theoretical and Computational Methods
- Other Topics

Steering Committee

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

Jorge Ambrosio (Portugal)
Kurt Anderson (USA, ASME)
Olivier Bauchau (USA/China, ASME)
Carlo Bottasso (Italy)
Javier Cuadrado (Spain, IFToMM)
Peter Eberhard (Germany)
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Ahmed Shabana (USA, ASME)
Nobuyuki Shimizu (Japan, JSME)

Keynote Speakers

- Olivier Bauchau, Shanghai, China
- Olivier Bruels, Liège, Belgium
- Harry Dankowicz, Urbana-Champaign, USA
- Aki Mikkola, Lappeenranta, Finland
- Peter Müller, Wuppertal, Germany
- Yoshihiro Suda, Tokyo, Japan
- Wan-Suk Yoo, Pusan, Korea



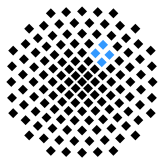
Conference Organisation

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Travel & Accommodation

Information available on conference web page.

Co Sponsors



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