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Multibody Dynamics 2009

29th June – 2nd July 2009
Warsaw University of Technology, Poland

How to register and submit contributions

Authors are invited to submit their contributions on any of the conference topics. Submission of abstracts and papers and conference registration should be performed electronically via conference web site.

<http://www.multibody2009.org>



Multibody 2009 Secretariat

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Presentation and Objectives

Multibody dynamics is an exciting area of computational mechanics, which merges and blends various disciplines such as structural dynamics, multi-physic mechanics, computational mathematics, control theory and computer science in order to deliver methods and tools for the virtual prototyping of complex mechanical systems. Multibody dynamics plays today a central role in the modeling, analysis, simulation and optimization of mechanical systems in a variety of fields and for a wide range of industrial applications.

As new methods and procedures are being proposed at a fast pace in academia, research laboratories and industry, it becomes important to provide researchers in multibody dynamics with appropriate venues for exchanging ideas and results. To answer these needs, the ECCOMAS Thematic Conference on Multibody Dynamics was initiated in Lisbon in 2003, and continued in Madrid in 2005 and in Milan in 2007. Continuing this very successful series, the next edition of the ECCOMAS Thematic Conference on Multibody Dynamics will be held at the Warsaw University of Technology, Warsaw, Poland, from 29th June to 2nd July 2009.

The Conference aims at providing a forum for discussion and technical exchanges on the most recent advances in this rapidly growing field.

Conference Topics and Call for Papers

The Conference focuses on all aspects of multibody dynamics, and papers are especially solicited on the following topics:

- Theoretical and computational methods;
- Complex applications, including aerospace, automotive, biomechanical, railway engineering, etc.;
- Coupled multi-physics problems;
- Problems with multiple interacting scales;
- Advanced numerical algorithms;
- Flexible multibody systems;
- Real-time simulation, computational efficiency and virtual reality;
- Control;
- Optimization;
- Education.

Conference Location

The Conference will be held at the Campus of the Warsaw University of Technology, Pl. Politechniki 1, 00-661 Warsaw, Poland.

The Campus is located in the center of Warsaw, easily accessible by subway, train and car. Many cultural attractions, restaurants and shops can be conveniently reached in a few minutes by foot.

Student Travel Scholarships

A certain number of travel scholarships are available to encourage the participation of students to the Conference. Part of the scholarship covers the registration fee (250 EUR), while the rest can be used by the awardee to partly cover travel and living expenses. The scholarships are awarded by the Organizing Committee to students who are authors or co-authors of a paper accepted for presentation, on the basis of the paper quality and of a curriculum vitae. Further details on the application process are available at the Conference web site <http://www.multibody2009.org>.

Important Dates

Abstract submission (3 pages max):	5th December 2008
Application to student travel scholarships:	5th December 2008
Notification of acceptance:	23rd January 2009
Full paper submission:	20th March 2009
Early registration:	20th March 2009

An ECCOMAS Thematic Conference

Multibody Dynamic 2009 is one of the Thematic Conferences of the European Community on Computational Methods in Applied Sciences (ECCOMAS).

Further information on the activities of ECCOMAS is available at <http://www.eccomas.org>.

Multibody Dynamic 2009 is supported by:

- Warsaw University of Technology,
- Faculty of Power and Aeronautical Engineering Warsaw University of Technology,
- Polish Society of Theoretical and Applied Mechanics,
- IFToMM - International Federation for the Promotion of Mechanism and Machine Science



Registration Fees

The registration fees, with early registration applicable if received before 20th March 2009, are as follows:

	Early	Late
Delegates	450 EUR	550 EUR
Students	250 EUR	300 EUR

The registration fees include: book of abstracts, CD-ROM with Conference proceedings, attendance at all scientific sessions, coffee breaks, lunches and social program.

Social Program

The social program will include a reception and a banquet at a local place of interest, as well as a program for accompanying persons.

Accommodation

Information on hotels conveniently located in the proximity of the Campus and on block reservations at reduced rates will be available at the Conference web site.

Further information on Warsaw is available at:

<http://www.um.warszawa.pl>

<http://www.warsawtour.pl>



The Royal Castle



Royal Łazienki Park-Palace Complex



The Chopin Monument



The Tomb of the Unknown Soldier