



International Symposium on Multibody Systems and Mechatronics MuSME 2011

October 25 - 28, 2011: Valencia, Spain

The aim of the Symposium is to bring together researchers from the broad ranges of disciplines referring to Multibody Systems and Mechatronics, in an intimate, collegial and stimulating environment.

MuSME 2011 Symposium is one of the activities of the FeIBIM Commission for Mechatronics and IFToMM Technical Committees for Multibody Dynamics and Robotics & Mechatronics.

The Symposium will be held at the Escuela Técnica Superior de Ingeniería del Diseño of the Universidad Politécnica de Valencia.

TOPICS

Because of the inherently multidisciplinary nature of Multibody Systems and Mechatronics, the scope of the topics in the congress is necessarily broad, but within the science of motion. Papers include subjects on Multibody kinematics and dynamics and Mechatronics and are not limited to the following topics:

- Analysis and synthesis of mechanisms
- Dynamics of multibody systems
- Design algorithms for mechatronic systems
- Simulation procedures and results
- Prototypes and their performance
- Robots and micromachines
- Experimental validations
- Theory of mechatronic simulation
- Mechatronic systems
- Control of mechatronic systems

A limited number of papers by students will be accepted for presentation. Best papers awards will be given in the area of research, applications and student papers.

SCIENTIFIC COMMITTEE

Marco Ceccarelli (Italy)
Mario Acevedo (Mexico)
Jorge Ambrosio (Portugal)
Alberto Cardona (Argentina)
Javier Cuadrado (Spain)
Pietro Fanghella (Italy)
Mario Fernandez Fernandez (Chile)
Oswaldo Hugo Penisi (Argentina)
Manfred Husty (Austria)
Tatu Leinonen (Finland)
Vicente Mata Amela (Spain)
Joao Carlos Mendes Carvalho (Brazil)
Carlos Munares Tapia (Perù)

LOCAL ORGANIZING COMMITTEE at Universidad Politécnica de Valencia

Vicente Mata (Chairman), Juan Ignacio Cuadrado, Francisco Valero, Antonio Besa, Francisco Rubio, Josep Lluís Suñer .
Secretariat e-mail: musme2011@upv.es

PAPER ELECTRONIC SUBMISSION

Full papers should be sent in PDF format by e-mail before June 1st, 2011 to:

Vicente Mata (MuSME 2011 Congress),
CITV, Centro de Investigación de
Tecnología de Vehículos.

Edificio 5E.

Universidad Politécnica de Valencia
Camino de Vera s/n.

46022 Valencia (España)

e-mail: musme2011@upv.es

Please, indicate a session title in which the paper will be properly included. Notification of the acceptance will be mailed by July 15th, 2011. Final paper should be sent in PDF format by e-mail before September 15th, 2011.

Only papers with at least one author as registered participant will be included in the Proceedings. A selection of papers will be published in a journal special issue.

PRESENTATION AND PROCEEDINGS

The official language of the Symposium will be English. Speakers of regular papers should present their contribution in 25 min. Further 5 min are available for discussion. Projectors for personal computers or CD or USB ports are available for presentation. Registered participants will receive one Proceedings copy on electronic format, at the registration desk.

REGISTRATION FEE

The registration fee includes the complete program.

PARTICIPANTS: 300 € (before Sept 15, 2011)
350 € (after Sept 15, 2011).

ACCOMPANYING PERSONS: 200 €.

STUDENTS: 100 €. (no conf banquet)

You are requested to register before the deadline of September 15th, 2011. Payment should be made by sending bank transfer or by credit card to the Congress Chairman indicating MuSME 2011 (See webpage).

Web Page

www.musme2011.upv.es

INSTRUCTIONS FOR AUTHORS

Guidelines for the manuscript format will be available on the web page. The papers will be written with 10 point characters in one column on an A4 sheet. The length of papers will be limited to 20 pages.

LOCATION

The city of Valencia is located in the middle of the Spanish Mediterranean coast. Its climate is warm and sunny most of the year. The city has many attractions for everybody, including its historic downtown, the City of Arts and Sciences and its beaches.

ACCOMMODATION

Valencia has hotels for all tastes and budgets. The average daily price for a 3-star hotel is about 60 €, also rooms for students are available at the university (Colegio Mayor Galileo Galilei), being the daily price of 25 €. Early reservation is recommended by contacting directly hotels. A list of hotels will be sent to the authors and to registered persons.

TRAVEL INFORMATION

Valencia can be reached easily by airplane, train, bus and by car. There are regular connections nationally and internationally from the city's airport, as well as by rail from the main station. The AP-7 highway connects directly with the main European network; also the A-3 highway connects Valencia with Madrid.

Organized by

CITV, Centro de Investigación de
Tecnología de Vehículos,
Universidad Politécnica de Valencia.

Under the auspices and the sponsorship

IFTOMM, Technical Committees for
Multibody Dynamics and Robotics &
Mechatronics
FeIBIM, Commission for Mechatronics.