

ICCCM09

16-18 September 2009, Lecce, Italy

Conference Secretariat

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<http://icccm09.unisalento.it>

LOCATION

The Conference will take place in the Conference Room of the Rettorato (Rector's Building) of the University of Salento - Piazzetta Tancredi 7, Lecce, Italy.

REGISTRATION FEES

The registration fees, with early registration applicable if received before **July 15, 2009**, are:

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

They include:

- Conference proceedings
- Attendance at all scientific sessions
- Coffee break, reception and banquet

ECCOMAS members will have a 5% reduction on the delegates fee.

SOCIAL PROGRAM

A social program will be arranged, including a reception and a banquet at a local place of interest.

ACCOMMODATION

Block reservations at preference rates will be arranged. For detailed information see the Conference website.

SUPPORTING ORGANIZATIONS

- University of Salento, Lecce, Italy
- Leibniz University of Hannover, Germany
- Graduate School MUSIC - Leibniz University of Hannover, Germany
- European Community on Computational Methods in Applied Sciences (ECCOMAS)
- Int. Association for Applied Mathematics and Mechanics (GAMM)
- German Association for Computational Mechanics (GACM)

ECCOMAS

European Community on
Computational Methods in Applied
Sciences



1st International Conference on Computational Contact Mechanics

Lecce, Italy, Sept. 16-18, 2009
University of Salento

An IACM Special Interest Conference



OBJECTIVES

Within the last ten years, computational contact mechanics has been a topic of intense research. The main effort has been devoted to the development of robust solution schemes and new discretization techniques, which can be applied to different classes of contact problems.

The aim of the Conference is to provide an international forum for researchers, practitioners and for all who are concerned with modern computational techniques and applications in the field of contact mechanics. The participants will have the opportunity to discuss recent advances and identify future research directions in the field.

CALL FOR CONTRIBUTIONS

Prospective speakers should submit a **two-page abstract** of their contribution.

The topics of interest are wide ranging. They include computational aspects of:

- Discretization techniques;
- Solution algorithms for single- and multi-processor computing environments;
- Multi-scale approaches to contact problems;
- Methods for rolling contact;
- Contact and debonding constitutive laws;
- Discrete element models for contact;
- Multi-field problems with contact constraints.

Technical applications are also welcome in the areas of interface problems for solid bodies, failure processes in heterogeneous materials, textile and laminated composites, bio-mechanics as well as thermo-electro-mechanical contact problems.

Sessions related to specific topics will be introduced by a keynote lecture in the field.

After the Conference, the authors of selected contributions will be invited to submit an extended version (full paper) for a special issue of an International Journal or for another international publication.

AN ECCOMAS THEMATIC CONFERENCE

ICCCM09 is one of the Thematic Conferences of the European Community on Computational Methods in Applied Sciences (ECCOMAS). For further information on ECCOMAS visit <http://www.eccomas.org>.

CONFERENCE ORGANIZERS

G. Zavarise (Chairman), Univ. of Salento, Italy
P. Wriggers (Co-Chairman), Leibniz Univ. of Hannover, Germany

L. De Lorenzis (Secretary), Univ. of Salento, Italy

INTERNATIONAL SCIENTIFIC COMMITTEE

O. Allix	École Normale Supérieure de Cachan, France
G. Del Piero	Università di Ferrara, Italy
P. Eberhard	Universität Stuttgart, Germany
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D.R.J. Owen	University of Wales – Swansea, UK
P. Papadopoulos	University of California at Berkeley, USA
M. Puso	Lawrence Livermore National Laboratory, USA
M. Raous	Laboratoire de Mécanique et d'Acoustique - CNRS, France
J. Rojek	Polish Academy of Sciences, Poland
E. Sacco	Università di Cassino, Italy
K. Schweizerhof	Universität Karlsruhe, Germany
D. Sheng	University of Newcastle, Australia
G.E. Stavroulakis	Technical University of Crete, Greece
R.L. Taylor	University of California at Berkeley, USA
B. Wohlmuth	Universität Stuttgart, Germany
H.W. Zhang	Dalian University of Technology, China

IMPORTANT DATES

Deadline for abstract submission	15 May 2009
Acceptance of contributions for oral presentation	31 May 2009
Deadline for early payment	15 July 2009

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

How to register and submit contributions

ICCCM09

