Instructions for Authors

The submission of abstracts and final contributions, as well as the conference registration should be performed electronically.

The first step is the submission of a two-page abstract describing the main features of the work before 7 April, 2019.

Once registered, in order to modify the information or add/modify the files of the abstracts, it is necessary to log in, in order to avoid double registrations. Authors are asked to send their abstracts in .pdf format. Other formats are not accepted by the system.

Please note that scheduling of contributions for oral presentation is conditional upon the acceptance of the two-page abstract in the format suitable for publication and the payment of the corresponding author's conference registration fee during the advance period. The corresponding author should be the presenting author whenever possible. Only one presentation per registration is allowed.

Feel free to contact the conference secretariat for any further information.

Submission of Contributions

Prospective speakers are invited to submit contributions as described above.
Acceptance / rejection letters for the two-page abstracts will be sent according to the schedule.

Scheduling of a contribution for oral presentation at the conference is conditional upon the acceptance of the two-page abstract and the payment of the presenting author's registration fee for the conference during the advance period.

The conference proceedings will be available on a USB-stick containing the two-page abstracts.

Further information is available here:
http://www.icccm19.uni-hannover.de

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 and interface mechanics.

The participants will have the opportunity to discuss recent advances and identify future research directions in this field. Sessions related to specific topics will be introduced by a keynote lecture in the field.

Conference Topics

- Contact discretization techniques
- Methods for rolling contact
- Interface modeling
- Contact modeling using meshfree methods
- Discrete element models for contact
- Contact and debonding constitutive laws
- Multi-field problems with contact constraints
- Multi-scale approaches for contact problems
- Solution algorithms for single- and multi-processor computing environments

Conference Secretariat

Institute of Continuum Mechanics
Leibniz University Hannover
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icccm19@uni-hannover.de

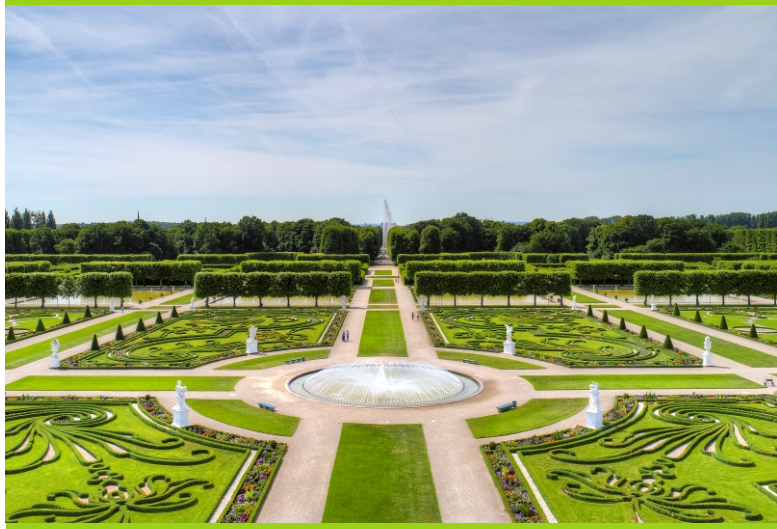
ECCOMAS:
European Community
on Computational Methods
in Applied Sciences

ECCOMAS Thematic Conference

ICCCM 2019

VI International Conference on Computational Contact Mechanics

3-5 July 2019, Leibnizhaus Hannover, Germany



Graduate School
MUSC
Multiscale Methods for Interface Coupling

Leibniz Universität Hannover

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Institute of Continuum Mechanics, Leibniz Universität Hannover, Germany

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E. Sacco, Università di Cassino, Italy
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, Technical University Munich, Germany

Keynote Lecturers

Eitam Grinspun
Computer Science and Applied Physics and Applied Mathematics, Columbia University in the City of New York, USA

Alexander Popp
Mathematics and Computer-Based Simulation, University of the Bundeswehr Munich, Germany

Elio Sacco
Mechanics of Solids and Structures, University of Casinno & Southern Lazio, Italy

Karl Schweizerhof
Institute of Mechanics, KIT Karlsruhe, Germany

Vladislav Yastrebov
Computational Mechanics of Materials and Structures, MINES Paris Tech, France

Important Dates

Deadline for submitting a two-page abstract:
7 April 2019

Acceptance of contributions for oral presentation:
21 April 2019

Deadline for early payment:
15 May 2019

Registration

The registration fees, with early registration applicable if received before May 5, 2019, are:

	Early	Late
Delegates	490 Euros	590 Euros
Students	300 Euros	350 Euros

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

Further Information

Please visit our conference website at **http://www.icccm19.uni-hannover.de** for all submission, registration or other conference queries.

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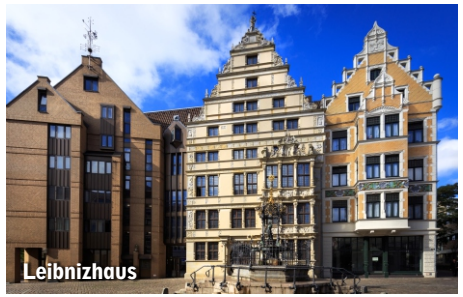
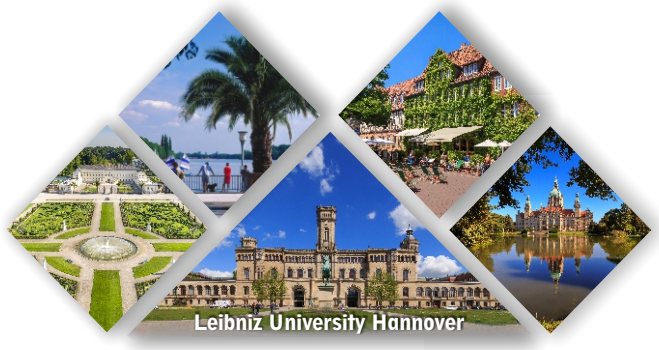
Venue

The Leibnizhaus was originally a 1499-built Renaissance townhouse in Hanover, named after the philosopher Gottfried Wilhelm Leibniz. He lived in the house from 1698 until his death in 1716.



City of Hannover

Hannover is not only the most central city in Germany, since it lies at the intersection of the most important traffic routes, but also is one of the greenest cities in Europe. It offers its inhabitants and, of course, students as well, a broad range of cultural facilities, sporting activities, colourful festivals, interesting shopping and, naturally, a lot of green space for leisure.



Leibniz Universität Hannover

Shaping the future with knowledge - In 1831, founded by the scholar Karl Karmarsch, the "Higher Trade School of Hannover" started with only 64 students. Today there are around 29000 students in the natural sciences and engineering, the humanities and social sciences as well as in law and economics.