



HOW TO REGISTER AND SUBMIT CONTRIBUTIONS

Prospective speakers are invited to submit a two-pages abstract. Acceptance/rejection letters for the abstracts will be sent according to the schedule.

Scheduling of contributions for oral presentation is conditional upon acceptance of the two-page abstract and payment of the presenting author's fee for the Conference during the advance period. Only one presentation per registration is allowed.

Submission of contributions and Conference registration should be performed electronically via the Conference web site.

For further information, please contact the Conference Secretariat or visit the Conference website: cmis2018.unisalento.it.

LOCATION

The Conference will be held at the Sanctuary of Oropa (Biella, Italy). The town is located about 80 km northeast of Turin and about 80 km west-northwest of Milan.

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 have been arranged. For detailed information see the Conference website.

SUPPORTING ORGANIZATIONS

- Department of Innovation Engineering, Università del Salento, Italy
- Department of Mathematics and Physics "Ennio De Giorgi", University of Salento, Italy
- Banca Popolare Pugliese
- Leibniz University of Hannover, Germany
- Laboratoire de Mécanique et d'Acoustique, CNRS, France
- Piedmont Region
- Province of Biella
- City of Biella
- Tourist association of Biella
- EnginSoft

THE UNIVERSITY OF SALENTO

With 6 Faculties, 8 Departments and 22 Research Centers, the University of Salento has grown remarkably in the last decades, playing its leading role in the local cultural system. With its main location in Lecce and two more in Brindisi, and Arnesano (few kilometers from downtown), the University buildings and structures are a patrimony for the entire Salento, where tradition meets innovation and rootedness opens to contemporaneity.

THE CITY OF BIELLA

The city of Biella lies at the foot of the Alps, on the Cervo River, northeast of Turin. A Gallic and Roman centre, it was a medieval possession of the counts of Vercelli before passing to the house of Savoy in 1379. Biella is divided into Biella Piazza (upper) and Biella Piano (lower) towns, joined by a cable railway. There are many medieval and Renaissance mansions in the upper town, while the lower is distinguished by a cathedral (1402; remodeled), 10th-century baptistery, and the Renaissance churches of San Sebastiano (1504) and San Girolamo (1512–17). Biella also has an archaeological museum and an art gallery. A major centre of the Italian woolen industry, Biella also manufactures cotton, silk, and linen textiles. The Oropa Sanctuary is the most important and largest Sanctuary dedicated to the Virgin Mary to be found in the Alps. It is located in a unique, natural and unspoilt setting at 1200 mt. a.m.s.l., at only 20 minutes driving from the centre of Biella.

Historical lore states that the Sanctuary was founded in the 4th century AD by St. Eusebio, the first bishop of Vercelli. The first written documents that mention Oropa date back to the beginning of the 13th century and mention the first simple churches of St. Mary and St. Bartholomew. These served as important reference points for 'viatores' (travellers) who travelled back and forth to the nearby Aosta Valley.



CMIS 2018

Contact Mechanics International Symposium



May 16–18, 2018
Sanctuary of Oropa, Biella, Italy

web: CMIS2018.unisalento.it
e-mail: cmis2018@unisalento.it
location: www.santuariodioropa.it



CMIS OBJECTIVES

Following the tradition of CMIS symposia, the aim of this symposium is to gather researchers from the mathematical and engineering communities working on various aspects of contact mechanics, using theoretical, experimental and computational approaches.

CONFERENCE TOPICS

The congress addresses a wide panorama of topics in the area of contact mechanics in order to reinforce the interactions and collaborations between various communities:

- models, interface laws, wear, tribological modeling, cohesive zone models, rolling;
- emerging computational approaches: methods, algorithms and numerical analysis;
- mathematical analysis;
- dynamic contact problems, instabilities;
- micromechanics of contact and multiscale approaches;
- multiphysics and thermomechanical coupling;
- granular materials and rigid bodies;
- contact modeling in mechanical and civil engineering, biomechanics and geomechanics.

HISTORY

The series of CMIS symposia started in 1992 in Lausanne. The locations have always been selected with the idea of providing a quiet and confidential environment to encourage exchanges of ideas among the participants. Following such tradition, CMIS 2018 will be held at the Sanctuary of Oropa (Biella), Italy, on May 16-18, 2018, and it will be the 9th event of the series.

CONFERENCE LIST

- Lausanne, Switzerland, 1992
- Carry Le Rouet, France, 1994
- Peniche, Portugal, 2001
- Hannover, Germany, 2005
- Chania, Greece, 2009
- Cargese, France, 2012
- Abu Dhabi, United Arab Emirates, 2014
- Warsaw, Poland, 2016
- Oropa (Biella), Italy, 2018

CONFERENCE ORGANIZERS



Giorgio Zavarise
(Chairman), University of Salento, Italy



Michel Raous
(Co-Chairman), Laboratoire de Mécanique et d'Acoustique CNRS, Marseille, France



Peter Wriggers
(Co-Chairman), Leibniz Universität Hannover, Germany

SCIENTIFIC SECRETARY

M. L. De Bellis University of Salento, Italy

LOCAL ORGANIZING COMMITTEE

A. Malagnino University of Salento, Italy

F. P. Pinnola University of Salento, Italy

M. Trullo University of Salento, Italy

INTERNATIONAL SCIENTIFIC COMMITTEE

P. Alart LMGC CNRS, Montpellier, France

J.R. Barber University of Michigan, USA

M. Campiti University of Salento, Italy

R. Dimitri University of Salento, Italy

Z. Dostal Technical University Ostrava, Czech Republic

J. Haslinger Charles University, Prague, Czech Republic

T. A. Laursen Khalifa University, Abu Dhabi, United Arab Emirates

F. Lebon LMA CNRS, Marseille, France

J.F. Molinari Ecole Polytechnique Fédérale de Lausanne, Switzerland

M. Paggi IMT School for Advanced Studies, Italy

V. Popov Technische Universität Berlin, Germany

A. Popp Technische Universität München, Germany

M. Puso Lawrence Livermore National Laboratory, USA

E. Sacco University of Cassino and Southern Lazio, Italy

G.E. Stavroulakis Technical University of Crete, Greece

S. Stupkiewicz Polish Academy of Sciences, Poland

I. Temizer Bilkent University, Turkey

T. Zohdi University of California, Berkeley, USA



REGISTRATION FEES

The registration fees, with early registration applicable if received before March 5, 2018, are:

	Early	Late
Delegates	350 €	400 €
Students	250 €	300 €

The Conference fee includes:

- Conference proceedings;
- Attendance at all scientific sessions;
- Coffee breaks and reception;
- Conference banquet (only for delegates).

IMPORTANT DATES

Deadline for abstract submission	January 19, 2018
Notification of acceptance	February 9, 2018
Deadline for early registration fee	March 5, 2018

CONFERENCE SECRETARIAT

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