

Welcome to ISEM 2017

It is our great pleasure to announce the 18th International Symposium on Applied Electromagnetics and Mechanics (ISEM) 2017, to be held in Chamonix Mont Blanc, France, the international capital of mountaineering and skiing, from 3 to 6 September, 2017.

Since the first symposium in 1995, which took place in Japan, the event has been held in Korea, the United Kingdom, Germany, Italy, France, Austria, USA, China, Canada and Japan.

Once again, the conference will provide participants with the opportunity to fruitfully exchange on their experience and ideas and share the latest information on Applied Electromagnetics and Mechanics.

Thanks to your articles and presentations and your active participation at the event, ISEM 2017 is set to be an academically enriching and truly memorable experience for all attendees.

On behalf of the board of Grenoble Electrical Engineering laboratory (Grenoble-INP, CNRS, Université Grenoble Alpes), Institut Néel (CNRS, Université Grenoble Alpes, Grenoble-INP), Center for Applied Mathematics (MINES ParisTech) and the organizing committee, we cordially invite you to Chamonix Mont-Blanc, France, to attend ISEM 2017, actively participate in its technical sessions, and contribute to the continued success of this symposium series.

Aims

The Symposium will focus on applications of electromagnetics and mechanics, with an emphasis on both basic science and early engineering developments in these interdisciplinary fields. The symposium strongly encourages the practical application of emerging technologies to problems of direct relevance to industries. Consequently, both theoretical and applied research topics are of strong interest.

Topics (but not limited to)

- Nanotechnology Applications
- Laser and Particle Beams, Plasmas
- Optimization and Inverse Problems
- Maintenance and Reliability Engineering
- Micromagnetism, Hysteresis
- Electromagnetic Functional Materials and Adaptive Systems
- Electromagnetic Smart Fluids, Electromagnetics Processing of Materials
- Advanced Magnetic Engineering, Dynamics, Control
- Nuclear Fusion Technology
- Applied Superconductivity
- Nondestructive Evaluation (Electromagnetic and Mechanical methods) and Advanced Signal Processing
- Biomedical Engineering
- Micro Electro-Mechanical Systems (MEMS)
- Analysis and Simulation of Electromagnetic Devices
- Electromagnetic Sensors and Actuators
- Robotics in Applied Electromagnetics and Mechanics

Submission and Publication of papers

The 2-page abstracts will undergo a peer-review process. The accepted contributions will be included in the Symposium Proceedings. Authors of accepted short papers will be solicited to submit full length 6-page papers that, after a peer-review process, will be published in a special issue of the International Journal of Applied Electromagnetics and Mechanics.

Organizing COMMITTEE

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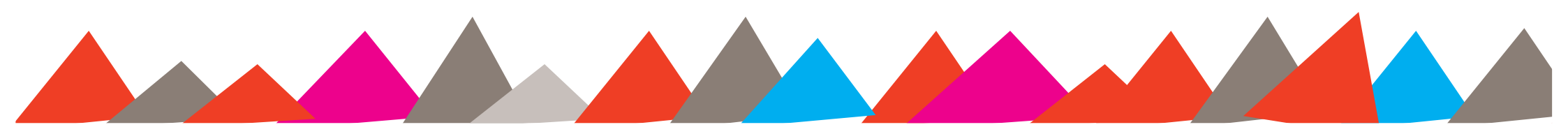
Géraldine PIGNATELLI
(Chamonix Mont-Blanc Conference Office, France)

Sponsors (in progress):



If you have any questions, please contact us:

contact@isem2017.org
isem2017.org



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VENUE

Chamonix's strong links with the scientific and medical worlds began in the 18th century: first with experimental expeditions, then the construction of high-altitude observatories and the theory on the major glaciations of the Quaternary period. In this extraordinary natural laboratory, many fields of investigation continue to attract scientists from all over the world, as witnessed by: The Ecole de Physique in Les Houches created in 1951 from which 26 students have been awarded the Nobel Prize; the creation of the Institut de Formation et de Recherche en Médecine de Montagne; the Ecole Nationale de Ski et d'Alpinisme; the Centre de Recherche sur les Ecosystèmes d'Altitude; and the network of players devoted to science, including several researchers based in the valley.

The venue for the event - Chamonix Mont-Blanc Conference Office comprising dedicated facilities for international conferences - is the perfect location to ensure a pleasant and successful ISEM 2017.



www.isem2017.org

Important DATES

Deadline for short paper submission: 17 February 2017

Notification of Acceptance: 2 May 2017

Registration Opening: 15 May 2017

Early Bird Registration: 25 June 2017

Full Paper Submission: 15 September 2017

