

ISEM 2003

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FIRST ANNOUNCEMENT

The International Symposium on Applied Electromagnetics and Mechanics (ISEM) is a well known international forum on applied electromagnetics. It started in 1988 in Japan and since then was held in Japan six times, and once in Korea, the United Kingdom, Germany and Italy. The last ISEM was in Tokyo in May 2001.

The 11th ISEM will take place from 12 to 14 May 2003 at the "Palais des Congrès" (Convention Palace), in Versailles, France.

The symposium is devoted to APPLICATIONS OF ELECTROMAGNETICS IN MATERIAL SCIENCE, with emphasis on mathematical modelling and numerical simulation of relevant coupled problems. It covers in particular the following topics:

1. Advanced magnetic engineering, dynamics, control
2. Analysis and simulation of electromagnetic devices
3. Micromagnetism, hysteresis
4. Applied superconductivity
5. Magnetic fusion nuclear research
6. Laser and particle beams, plasmas
7. Magnetic fluids, magnetic processing of materials
8. Induction heating
9. Electromagnetic functional materials and adaptive systems
10. Electromagnetic sensors and actuators
11. Micro Electromagnetic Systems (MEMS), nanotechnology
12. Electromagnetic nondestructive evaluation
13. New kinds of inverse problems
14. Biomagnetics and medical engineering
15. Advanced computer technology
16. Other topics of interdisciplinary interest
17. Strategies for new research, theoretical advances

The program will include oral and poster sessions. It will be complemented by social programs. Relevant information will be sent with the 2nd Announcement in June 2002.

PAPERS

Original, not previously published papers are solicited. They will be submitted to ISEM-Versailles in two steps, and peer-reviewed at both steps. The first step is to submit a two-page paper for presentation and inclusion in the Proceedings, which will be available at the Symposium. In the second step, authors of accepted papers will be encouraged to submit an extended full version for review and possible inclusion in a special issue of the

"International Journal of Applied Electromagnetics and Mechanics", a publication of [IOS Press](#).

Contributed papers will be selected on the basis of the two-page version, and should describe new and significant results. The deadline for submission is September 30, 2002. Notification of acceptance for presentation will be e-mailed to authors early January, 2003 (if minor changes are required, amended papers should be in before February 15, 2003). Information for the preparation of oral presentations, posters, and possible full-length manuscripts will be e-mailed along with the notification of acceptance.

PRE-REGISTRATION

The Symposium program, instructions for the two-page paper, registration forms, and information about accommodation, transportation and social activities will be e-mailed to all [pre-registered](#) persons with the aforementioned 2nd Announcement, and the web site <http://www.lgep.supelec.fr/ISEM/> will be suitably updated as well.

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