The 15th International Symposium on Applied Electromagnetics and Mechanics (ISEM) will take place from 7 to 9 September 2011 at the Royal Continental Hotel in Naples, Italy. Previous symposia were held in Japan, Korea, the United Kingdom, Germany, Italy, France, Austria, USA and China. As in the past, the 2011 meeting will be focused on the application of electromagnetics and mechanics in a number of disciplines. Specifically, the symposium provides a forum for exchanging ideas and discussing recent developments in such areas as:

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

The symposium emphasizes both basic science and early engineering developments in these interdisciplinary fields. The symposium also strongly encourages practical application of emerging technologies to problems of direct relevance to industries. Consequently, both theoretical as well as applied research topics are of interest.

The symposium will include both oral and poster sessions. As in the past, a number of prominent experts will be giving keynote lectures on areas of emerging interest.

Prospective authors should submit their two pages abstracts electronically in either PDF or DOC format. Detailed instructions for paper submission will be available in due course on the conference website. The two 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 the 4 pages full version that, after a peer-review process, will be published in a special issue of the International Journal of Applied Electromagnetics and Mechanics. There will be an exhibition site at the conference. More information for prospective exhibitors will be available from the conference website.

Organizers of the symposium include the Japan Society of Maintenology, the Japan Society of Applied Electromagnetics and Mechanics, the University of Cassino (Italy) and the University of Naples Federico II (Italy).

IMPORTANT DATES
Submission of 2 pages short papers: 25 February 2011
Notification of acceptance: 27 May 2011
Final contributions due: 16 September 2011

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