

CALL FOR PAPERS

Prospective authors are invited to submit (by e-mail to the Workshop Executive Committee Secretariat as attached files in Word or PDF format) previously unpublished papers relevant to the workshop topics.

Papers will be reviewed upon two page extended abstracts, to be included in the Workshop Proceedings.

Authors of accepted extended abstracts will be encouraged to submit a full version (up to 6 pages) of the papers at the Workshop, which will be reviewed for inclusion in a special volume of the *Journal of Optoelectronics and Advanced Materials - JOAM* (indexed in the Science Citation Index Expanded (Scisearch) and ISI Alerting Services and Materials Science Citation Index).

For instructions on preparation of extended abstracts please consult the Workshop Web site:

<http://japmed6.elth.pub.ro>

For further information, please contact the Conference Secretariat.

CONFERENCE SECRETARIAT

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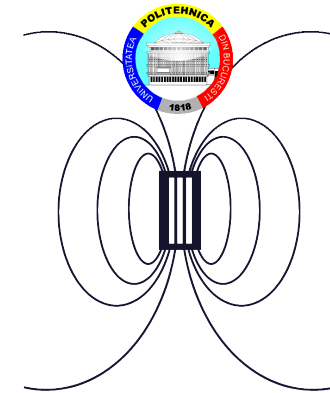
TOPICS

The scope of the workshop includes: Advances in Analysis, Manufacturing and Measurements of Advanced Materials (Magnetic, Superconducting and Nanostructured Materials).

The topics are related to new developments in the following:

- Computational Electromagnetics
- Magnetic material characterization
- Nanotechnology
- Magnetohydrodynamics
- Biomedical engineering
- Losses analysis
- Magnetic Material Processing
- Design
- Applications in Energy and Environmental Aspects
- Devices (Magnetic circuits, Transformers, Electrical Machines, micro-machines)
- Superconducting Flywheels
- Perspectives of High -T_c superconductors
- Modelling of superconductive properties
- Characterization techniques
- Processing of bulk superconductors
- Processing of thin and thick film superconductors
- Special measurement techniques
- Applications in electricity/electronics and transportation (Levitation, electrical/ magnetic machines, HTS/metal junctions, shielding, SQUIDS)

JAPMED' 6



**6th Japanese-Mediterranean Workshop
on Applied Electromagnetic Engineering for
Magnetic, Superconducting and Nano Materials**

**First Announcement
and Call for Papers**

**Politehnica University of
Bucharest
July 27-29, 2009
Bucharest, Romania**

PRESENTATION

The sixth Japanese-Mediterranean Workshop on applied Electromagnetic Engineering for Magnetic, Superconducting and Nano Materials (JAPMED'6) is continuing and extending the successful previous events: two Japanese-Greek Joint Workshops held in Athens (Greece, 1999) and Oita (Japan, 2001), followed by three Japanese-Mediterranean Joint Workshops held in Athens (Greece, 2003), Cairo (Egypt, 2005) and Larnaca (Cyprus, 2007), respectively.

The aim of the workshop is to create a link for the participants to share knowledge and experience and for the cross-fertilization of new ideas and developments in applied electromagnetic, design, analysis, new material utilization, and optimization techniques focusing on applications related to superconducting flywheels. Topics related to practical applications, operations, maintenance are also highly encouraged.

IMPORTANT DATES

May 1, 2009: Deadline for extended abstracts submission.

June 1, 2009: Acceptance notification.

June 15, 2009: Early registration due.

July 28, 2009: Full paper submission during the Workshop.

LANGUAGE

English will be the official language of the Workshop and will be used for both extended abstracts and presentations.

REGISTRATION

The registration fee for participants includes: Workshop Attendance, Conference Proceedings, Certificate of Attendance, Coffee breaks, Welcome Reception and Traditional Conference Dinner, City tour, a last day trip to Prahova Valley, Peles Castle and Bran (**DRACULA**) Castle.

The registration fee is: **250 €** for participants registered before June 15, **300 €** after June 15, **200 €** for students, and **150 €** for accompanying spouses.

CONFERENCE VENUE

The 6th JAPMED will be hosted by the University "POLITEHNICA" of Bucharest, 30 minutes from the city centre.

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