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Former ISEM Chairpersons:

- K. Miya (1st ISEM, Tokyo, Japan, 1988)
- K. Bessho (2nd ISEM, Kanazawa, Japan, 1990)
- J. Tani (3rd ISEM, Sendai, Japan, 1991)
- Y. Uchikawa (4th ISEM, Nogoya, Japan, 1992)
- T. Honma (5th ISEM, Sapporo, Japan, 1993)
- S. Y. Hahn (6th ISEM, Seoul, Korea, 1994)
- A. J. Moses (7th ISEM, Cardiff, UK, 1995)
- V. Kose and J. Sievert (8th ISEM, Braunschweig, Germany, 1997)
- P. Di Barba and A. Savini (9th ISEM, Pavia, Italy, 1999)
- M. Uesaka and T. Takagi (10th ISEM, Tokyo, Japan, 2001)
- A. Razek and D. Lesselier (11th ISEM, Versailles, France, 2003)
- H. Pfützner (12th ISEM, BadGastein, Austria, 2005)
- L. Udpa and S. Udpa (13th ISEM, Michigan, USA, 2007)
- Z. Chen and T. Takagi (14th ISEM, Xi'an, China, 2009)
- G. Rubinacci (15th ISEM, Naples, Italy, 2011)
- A. Tamburrino (15th ISEM, Naples, Italy, 2011)

Local Organizing Committee

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- A. Bendada, Université Laval, Canada
- M. Genest, Institute for Aerospace Research, NRC, Canada
- C. Ibarra-Castanedo, Université Laval, Canada
- D. Lévesque, Industrial Materials Institute, NRC, Canada
- C. Mandache, Institute for Aerospace Research, NRC, Canada
- L. St-Laurent, National Optics Institute, Canada

Contact

ISEM 2013 Secretariat
Electrical and Computer Engineering Dept.
Université Laval
Québec (Québec)
CANADA G1V 0A6
<http://isem2013.gel.ulaval.ca>

Phone

++ 1 (418) 656-2962

Fax

++ 1 (418) 656-3159



Call for Papers

16TH conference
On

International Symposium on Applied
Electromagnetic and Mechanics

Québec (Québec) – Canada

Université Laval
Pavillon Desjardins
July 31st to August 2nd, 2013



UNIVERSITÉ
LAVAL

<http://ISEM2013.gel.ulaval.ca>
quebec@gel.ulaval.ca

The [International Symposium on Applied Electromagnetic and Mechanics](#) (ISEM) conference is an international forum which brings together specialists from industry and academia, who share an active interest in the latest developments of science, experimental practices and instrumentation, related to Electromagnetic and Mechanics. Following the conference in naples (2011).

The International Symposium on Applied Electromagnetic and Mechanics [will emphasize the following topics](#):

• The symposium will be focused on applications of electromagnetics and mechanics. 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) and Advanced Signal processing
- 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.

A part of the session on NonDestructive Evaluation and Advanced Signal processing will constitute the [VIIIth edition of the International Workshop on Advances in Signal Processing for Non Destructive Evaluation of Materials](#) (IWASPNDE). For the IWASPNDE only, camera-

ready papers will be published as a special proceeding book, after the event. This book will be available online on the Workshop web page at:

<http://intl.gel.ulaval.ca/>

Course offer before the conference (*):

Basic Thermography,

The Course is scheduled on Monday, July 30th, 2013. The tuition fees are 325 \$.

Deadlines

- December 15th, 2012 – Two page short paper submission
- March 20th, 2013 - Acceptance Notification
- May 20th, 2013 -- Advance registration
- July 31st, 2013 - Full-paper submission (at the desk)

Short and full papers

The participants are invited to submit to the ISEM 2013

Secretariat by December 15th, 2012 a

short paper of 2 pages (letter size / A4 format)

either for oral or poster presentation, including the key figures and main results.

Following acceptance notification, camera ready,

full paper of 6-8 pages including color figures

should be submitted to the ISEM 2013 Secretariat

by July 31st, 2013.

The proceedings, printed in black and white,

containing the short papers will be delivered at

the beginning of the conference. Authors are

requested to indicate the thematic section in

which the paper should be included, as well as

their preference (oral presentation or poster).

An electronic version of all presented papers will be

later included in the “Open Archives of the ISEM

Conferences” part of the ISEM web site:

<http://ISEM.gel.ulaval.ca>

In parallel, all the full papers presented at the conference

will be screened by the International Scientific

Committee in charge of proposing a selection

of papers for publication in [the International Journal of Applied](#)

[Electromagnetics and Mechanics](#),

after a subsequent review by experts.

How to submit a short paper and a full paper

Authors are kindly invited to submit both short papers and the full papers via the website. The procedure requires the registration of the main author. The registration form and all necessary information are available on the ISEM 2013 website:

<http://ISEM.gel.ulaval.ca>

PDF format for short papers and full paper files is

recommended. Optionally, the documents in

Adobe Frame Maker or Microsoft Office Word formats

are accepted as well.

Conference fees (*)

Regular participants (*)

• Early rate (deadline: May 20th 2013): 800 \$

• Late rate (deadline: July 10th 2013): 900 \$

• Desk registration rate: 1000 \$

Students (*)

• Early rate (deadline: May 20th 2013): 400 \$

• Late rate (deadline: June 25th 2013): 450 \$

• Desk registration rate: 500 \$

Fees cover: Conference Proceedings, Welcome

reception, Conference dinner, 3 lunches and coffee

breaks. Accomodation is not included.

For regular participants only, fees includes also a

free issue of the [International Journal](#)

[of Applied Electromagnetics and Mechanics](#) in which

selected ISEM 2013 papers will appear.

Accompanying persons (*)

• Rate (deadline: June 25th 2013): 300 \$

• It is not possible to book after June 25th 2013.

This amount includes only the Welcome reception

and Conference dinner.

(*) all fees include applicable Canadian and Quebec taxes;

All prices in Canadian dollars.