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ICEM'2006 Conference Secretariat
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Faculty of Electrical and Computer Engineering
National Technical University of Athens
9, Iroon Polytechniou street
15780 Athens, Greece

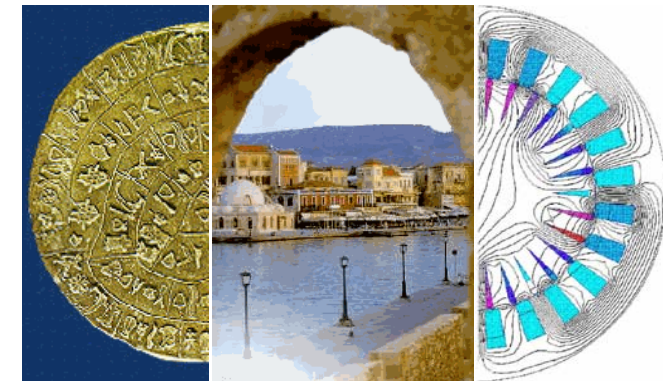
Tel: (+30)-210-7723765
Fax: (+30)-210-7722336
E-mail: ICEM2006@central.ntua.gr
<http://www.ntua.gr/ICEM2006>

ICEM 2006

XVII International Conference

on

Electrical Machines



Announcement and Call for Papers

Minoa Palace Hotel

September 2 – 5, 2006

Chania, Crete Island, Greece

INTRODUCTION

The International Conference on Electrical Machines (ICEM, <http://icem.metu.edu.tr/>) is the only major International Conference devoted entirely to electrical machines. Started in London in 1974, ICEM is now established as a regular biennial event. Very successful conferences were held in Helsinki (Finland) in 2000, Bruges (Belgium) in 2002 and Cracow (Poland) in 2004.

The Conference is a forum for specialists engaged in the field of electrical machines, transformers, drive systems and intelligent electromechanical systems to exchange information and experience of developments, trends and applications, from industrial and theoretical viewpoints. Topics related to practical applications, operations, maintenance and teaching are also highly encouraged.

TOPICS

The scope of the Conference includes: advances in analysis, manufacturing and measurements of electrical machines and drives. The topics include new developments in the following:

- All conventional machine types
- Small machines, servos and actuators
- Special machines (PM, VR, superconductors)
- Power electronics in electrical machine applications
- General speed controlled drives
- Controlled drives for special applications
- Theory, modeling, simulation
- Thermal, acoustic noise and vibration aspects
- Testing, measurements and loss data
- Monitoring and diagnostics
- Renewable energy generation
- Insulation (dielectrics) for electrical machines
- Use of advanced materials (permanent magnet, sheet materials, powder metallurgy)
- Transformers, coils
- E.M.C.
- Linear drives, including magnetic levitation
- Inductive energy transfer
- Micromotors
- Teaching
- Design software

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VENUE

The Conference will be held in Minoa Palace Hotel situated at a distance of 15 km from Chania city centre and 30 km from Chania airport. Address:

Minoa Palace Hotel

Platanias

73014 Chania, Crete, Greece

Tel: (+30)-2821036500, Fax: (+30)-2821036555

E-mail: info@minoapalace-chania.gr

IMPORTANT DATES

Prospective authors are invited to submit (by e-mail to the Conference Secretariat as attached files in Word or PDF format) previously unpublished papers relevant to the Conference topics. Papers will be reviewed upon one or maximum two pages extended abstracts, to be included in the Conference Proceedings. Authors of accepted extended abstracts will be asked to submit a full version (up to 6 pages) of the papers to be considered for inclusion in the Conference Proceedings CD, and will also be peer reviewed for possible inclusion in international journals.

For instructions on preparation of extended abstracts please consult the Conference Web site : [//www.ntua.gr/ICEM2006](http://www.ntua.gr/ICEM2006)

February 15, 2006: Deadline for extended abstract submission.

March 15, 2006: Acceptance notification.

April 30, 2006: Early registration due.

June 30, 2006: Full paper submission.

LANGUAGE

English will be the official language of the Conference and will be used for both papers and presentations.

REGISTRATION

The registration fee per participant, including lunches, coffee breaks, banquet, Conference Proceedings and Conference Proceedings CD is 450 EURO.

A reduced fee of 400 EURO will be applied for early registered participants, before April 30, 2006.

INQUIRIES

Contact information:

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