

Registration Fees

	Early bird	Registration from July 1, 2014
Full registration Regular	Euro 650	Euro 750
VDE / IEEE Member	Euro 550	Euro 650
Authors	Euro 550	Euro 550
Universities	Euro 450	Euro 550
Additional paper	Euro 120	Euro 200
Students (MSc or PhD)	Euro 350	Euro 400
Accompanying persons	Euro 350	Euro 400

Call for Special Sessions

A special session is a group of 6 papers (or multiple of 6), organized on the initiative of any volunteer proposing NO MORE than 2 papers inside. Special session topics must be in areas consistent with those of the conference. Proposals on Education are more than welcome. Any potential organizer (or group of organizers: max. 2) has to complete the following tasks:

- provide Special Sessions Co-Chairs with a provisional title of the special session
- send a "Call for Papers" dedicated to that special session to Special Sessions Co-Chairs (one PDF page as the one provided in the conference website): deadline December 31, 2013
- send a potential list of authors to invite them to submit
- send a list of potential reviewers (3 per paper) to facilitate the review process

Technical Exhibition

An exhibition dedicated to electrical machines simulation, analysis design and instrumentation is planned in conjunction with the conference. Manufacturers of electrical machines, drives, power electronics, measurement and control systems will be also welcome. This could represent an opportunity for attendees to examine in detail the latest developments in the field and to discuss the available solutions. Potential interested exhibitors are kindly requested to contact the VDE Conference Services for further information.

Technically Co-Sponsored by



Venue and Location

Berlin is Germany's political, cultural and historical centre. It has once again become a top ten destination amongst world metropolises. Berlin will treat you to a living history, art treasures from all eras and trendy shopping in a wild club culture. And because the German capital sits in the heart of Europe, it's an easy city to access – regardless of if you are coming from Wladiwostok or Wanne-Eickel. Whether you're taking a plane, train, vehicle, bus or boat, there's always a way to get to Berlin.

Berlin has been the German capital on several occasions throughout its history. Starting out as the capital of the margraviate and electorate of Brandenburg, this city on the River Spree later became the capital of the kingdom of Prussia and then the German Empire. East Berlin was the capital of the German Democratic Republic. Since German reunification in 1990, Berlin has been the capital of Germany once more.

Conference Language

English will be the language of the conference. It will be used for all printed material, presentations and discussions.

Correspondence and Information

For information, please do contact:

VDE Conference Services
 Mrs. Christiane Gmeinder
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 E-mail: vde-conferences@vde.com
 Website: <http://www.icem2014.de>



International Conference on Electrical Machines

XXIth International Conference on Electrical Machines

Andel's Hotel Berlin, Germany
 September 2-5, 2014

www.icem2014.de

Call for Papers



Introduction

The International Conference on Electrical Machines (ICEM) has established itself as an influential and recognized international event, being the only major international conference entirely devoted to electrical machines. Started in London in 1974, ICEM is now established as a regular event. Very successful recent editions were held in Helsinki, Finland in 2000, Bruges, Belgium in 2002, Cracow, Poland in 2004, Chania, Greece in 2006, Vilamoura Portugal in 2008, Roma, Italy in 2010 and Marseille, France in 2012.

In order to keep the scientific quality, of past ICEM editions, the following issues have been established:

- Only full provisional papers (7 pages maximum) may be submitted for evaluation
- On-line Conference Paper Submission System has been adopted
- Each paper will be reviewed by at least 2 independent referees
- Topics are arranged in tracks, each one having at three co-chairs to manage the reviewing process
- Special Sessions will be organized
- All accepted and presented papers will be potentially included in the IEE-EXplor© data base
- Five awards will be conferred by the ICEM Awards Committee:
 - ICEM Arthur Ellison Achievement Award
 - ICEM Distinguished Service Award
 - ICEM Best Paper Awards (up to 3)
 - ICEM Best Poster Presentation Awards (up to 3)
 - ICEM Jorma Luomi Best Student Forum Presentation Awards (up to 3)

Guidelines for Authors

Authors are kindly requested to submit full provisional papers, previously unpublished and relevant to the conference topics complying with the following rules: English language, limitation to 7 full pages, including paper title, authors' names and affiliations, figures and references (maximum size 2MB and provided template).

All the papers will be reviewed by multiple independent reviewers to be potentially included in the conference Proceedings and IEEEExplore data base. Authors of accepted papers will be e-mailed a password that enables them to upload their final revised submission. The password will be ONLY provided after payment of full registration fees.

Instructions about preparation and submission of full provisional papers can be found in the conference website: <http://www.icem2014.de>

Important Dates

December 31, 2013 Submission of Special Sessions and Tutorials proposals

January 30, 2014 Deadline for uploading provisional full papers (regular and special sessions)

March 30, 2014 Notification of acceptance

May 14, 2014 Final submission of accepted papers

June 30, 2014 End of early registration

Topics

Scope of the conference includes technology advances in design, analysis, manufacturing and measurement for electrical machines and drives. Topics covered by the conference are based on the following tracks:

1. Classical rotating field machines

Induction machines – Synchronous machines – Permanent magnet synchronous machines – Switched reluctance machines – Synchronous reluctance machines – DC machines

2. Innovative machines and actuators

Fractional slots machines – Linear machines – Levitation/launching – Micro & nano machines – Piezo actuators – Electrostatic actuators – High speed machines – Direct drives

3. Electrical drives

Sensorless control – Modulation techniques – Vector control – Direct torque – Flux & power control – Fault tolerant control

4. Design and related problems

Materials (insulation, magnetic and supra) – Thermal, losses & efficiency issues – Field computation – Analytical design – Optimal design – High frequency effects

5. Condition monitoring, diagnosis and testing

Monitoring and diagnosis – Fault detection – Measurements/instrumentation – Testing and standards – Noise and vibration problems – High frequency effects

6. Embedded applications

Aerospace applications – Space technology – Automotive applications – Railway transportation – Ship propulsion and generation

7. Grid-connected or emergency applications

Transformers and coils – Power generation – Distributed systems – Renewable energy systems – Emergency generation & motoring – Storage systems

Student Forum

For the second time, a Student Forum will be organized. It will consist in a competition for student papers, a party and a meeting in between students presenting their curriculum and companies offering job opportunities.

Tutorials

Tutorials will be organized on September 2, 2014. The registration is mandatory but free of charge for individuals having full registration to ICEM'2014. A minimum number of registrations (5) is required in order to open one tutorial. Submissions have to be sent to the Tutorial Co-Chairs before January 10, 2014.

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