



### “Advances in Electrical Machines”

**Topics:** Electrical machines are key elements of modern electromechanical systems and ICEM is the largest conference in the world on the topic. Even if the electromechanical energy conversion seems to be an old topic even with progresses in microelectronics, sensors, power electronics and even materials, the evolution of electrical machines technology is still a subject of great interest for both industry and academia. From the nW to the GW, all the systems need design, manufacturing, test and control of electrical machines. In this way, industrial electronics is a key partner of electrical machines and their environment with sensors, energy converters and control circuits most of them being fully digital. Then, the electrical machine community has more than in the past interactions with closed disciplines of electrical engineering and computer science. This Call for Papers is dedicated especially to all the ICEM'2008 authors having presented their contributions and having them published in ICEM'2008 Proceedings. All post conference papers must follow the instruction on <http://tie.ieee-ies.org/tie/faq/auth/confPap.htm>.

Topics of interest of this special section include, but are not limited to:

- Conventional machines
- Small machines, servos and actuators
- Micromachines and nanomachines
- Special machines
- Linear drives and magnetic levitation
- Transformers and coils
- Electrical drives
- Thermal, acoustic noise and vibration aspects
- Measurement and testing
- Monitoring and diagnosis
- Insulation
- Use of advanced materials
- Design, modelling and simulation
- Applications: automotive, transportation, aeronautics, renewable, domestic
- Education

This Special Section is supported by the Technical Committee on Electrical Machines of IEEE Industrial Electronics Society

#### Manuscript Preparation and Submission

Please DO NOT submit exactly the same paper that the one which has been published in ICEM Proceedings (extension and changes are mandatory). Check carefully the style of the journal IEEE Transactions on Industrial Electronics before any submission. Follow the guidelines in “Information for Authors” in the IEEE Transactions on Industrial Electronics <http://tie.ieee-ies.org/tie/>. Please submit your manuscript in electronic form through Manuscript Central web site: <http://mc.manuscriptcentral.com/tie-ieee>. On the submitting page #1 in popup menu of manuscript type, select: SS on Advances in Electrical Machines

#### Timetable

**Deadline for manuscript submission**  
**Information about manuscript acceptance**  
**Estimated publication date**

**January 5, 2009**  
**April 2009**  
**November 2009**

#### Guest Editors

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