Call for Papers ELECTRIMACS 2005

8th International Conference on Modeling and Simulation of Electric Machines, Converters and Systems (ELECTRIMACS 2005)

April 17-20, 2005, Hammamet, Tunisia

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www.electrimacs2005.com

AIMS AND TOPICS: Traditionally, ELECTRIMACS conferences aim to establish a high-standard international forum in order to exchange information and new results of research in modeling and simulation, in various fields of electrical engineering.

APPLICATION FIELDS: Electrical machines and transformers, electronic power converters, electrical drives, applications of new materials (power semiconductors, magnetics, superconductors, etc.), consumer and other electrical products, emerging electric technologies. Recent development of complex systems such as distributed power system, electric vehicles and traction, electrothermal systems, spatial, airborne, and naval applications are encouraged.

MODELING AND SIMULATION:
Topics include, but are not limited to:

Methodological Aspects:
- Numerical methods;
- Analytic and hybrid methods;
- Specific control methods;
- System identification methods;
- Fuzzy and neural methods;
- Applications of general purpose or dedicated software;
- Dedicated signal processing;
- Model based measurements.

Specific problems:
- Thermal problems;
- Electromagnetic problems;
- Electromechanical interactions;
- Electromagnetic compatibility;
- Optimization;
- Power quality evaluation;
- Integrated design;
- Model validation and verification.

Submission of summaries: Please send the General Secretary a 2000 words extended summary written in French or English. The following information must appear on the first page of your document:
- Paper title;
- Author's name and affiliation (please identify corresponding author);
- Mailing address;
- Telephone number, fax number, e-mail address;
- Conference topic most appropriate for the suggested paper.

Submission address:
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Author's Schedule:

Paper extended summaries in PDF Format:	August 16, 2004
Notification of acceptance:	October 15, 2004
Full paper due :	January 17, 2005