



FIRST CALL FOR PAPERS

International Conference on Electrical Engineering Design and Technologies (ICEEDT'08)



Journal of
Electrical
Systems

www.iceedt.esrgroups.org

November 3-5, 2008

HAMMAMET, TUNISIA



Journal of Automation
& Systems Engineering

The 2nd International Conference on Electrical Engineering Design and Technologies (ICEEDT) will be held on November 3-5, 2008 in Hammamet, Tunisia. The conference provides a forum for researchers from academe and industry to present their original work and exchange ideas and information. The official language of the conference is English. Papers are peer reviewed. All accepted papers must be presented at the conference and will be published in the conference proceedings. The abstracts will be indexed in major academic databases.

Special Sessions : Persons wishing to organize a special session should email a proposal to tarek.bouktir@esrgroups.org by **February 28, 2008**. Proposals should include a session title, a list of the topics covered, and the qualifications and brief biography of the session organizer. Papers submitted to the special session must be received by **May 30, 2008**, unless otherwise stipulated by the Special Session Organizer. A minimum of five papers must be registered and fully paid in order for this session to be included in the conference program. More information on special sessions is available at: www.iceedt.esrgroups.org/specialsessionproposal.mhtm.

Journals ! Expanded and enhanced versions of papers published in the conference proceedings can also be considered for inclusion in one of the ICEEDT'08 sponsor journals.

Technical topics

System Design : Computer aided design, modeling and simulation, electromagnetic, VLSI Design and CAD

Signal and Image Processing : Digital signal processing theory, methods, DSP implementation, estimation and identification techniques, application of specific ICs, image and multidimensional processing, pattern recognition, computer vision, real-time multimedia signal processing.

Computer Engineering: Computer science, Computer Architecture, computer networks, computer engineering, Software Engineering, Visualization and Computer Graphics, Bioinformatics, Web Technologies.

Measurements and Sensors: Intelligent sensors/actuators, sensor matrix, micro-sensors and micro-actuators, micro-electromechanical systems (MEMS), systems on chip (SoC), wireless microsystem and microsensor interfaces, microsystem applications

Computational Intelligence and Control: Artificial intelligence, knowledge-based systems, automatic control, biomedical engineering

Telecommunication and Multimedia Systems

Communication theory, communication systems, communication networks, wireless communication, information and communication technologies, multimedia systems

Photonics : Photonics theory, optical communications, optical sensing, superconducting RF accelerator technology, x-ray optics, photonic optical fibers, terahertz imaging, DWDM transmission, semiconductor

The above listed topics do not exclude submission and presentation of papers from other specific fields close to or related to the general theme of the Conference.

photonics, photonic metrology, plasma accelerators, laser technology and applications

Power Systems and Power Electronics: Power system planning, operation and transmission, Distribution networks, Distributed generation, stability, protection, reliability. Economics. Power electronic application to power systems: DFIG and permanent magnet generators, energy storages, fuel cell power sources, FACTS, UPQC, STATCON, voltage restorers, HVDC, PEEB, SVC, UPS, Variable speed power generation, microturbines, alternative energy sources, grid interfaces

Electrical Machines and Drives: Power electronics converters, modulations techniques, neuronal controllers, sensorless control, power electronic drives, motion control, permanent magnet motor drives

Electron Devices: New semiconductor materials, power semiconductor devices

Modeling and Simulation: Methodology, tools, modeling and simulation in engineering, modeling and simulation in education, modeling and simulation in medicine, modeling and simulation in logistics, industrial applications of modeling and simulation

Education: New development approaches for electrical engineering education, software, hardware, e-learning technologies

Important Dates

*Full Paper Submission.....May 30, 2008. *Notification of Acceptance.....June 15, 2008

*Final Paper Submission and Registration Fees...June 30, 2008. *PresentationNov 3-5, 2008

Paper Submission: Prospective authors are invited to submit electronically their full papers in MS or pdf format to: jes@jes.esrgroups.org not later than May 30, 2008