



2nd International Conference on

Signals, Circuits & Systems

November 7-9, 2008 Hammamet, Tunisia

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2008

The aim of the 2008 International conference on Signals, Circuits & Systems (SCS'08) is to cope with the rapidly progressing technology. The multi-disciplinary approach to engineering has become the key to many different products and processes. The integration of mechanics, electronics, control and computing exploits and exceeds the relative advantages of single disciplines, and when they are integrated, the synergy ensures that performances reach unprecedented levels.

The 2008 International conference on Signals, Circuits & Systems (SCS'08) will be an international forum for researchers and specialists to exchange new ideas and practical experiences. It will provide an opportunity to present and observe the latest research, results, and ideas, and to collaborate on current issues identified by conference participants.

General Chair

Mohamed Masmoudi

National Engineering School of Sfax – Tunisia

General Vice Chair

Abdennaceur Kachouri

National Engineering School of Sfax – Tunisia

Program Chair

Mounir Samet

National Engineering School of Sfax – Tunisia

Organization Chair

Hatem Trabelsi

ISET – Sfax - Tunisia

GENERAL SCOPE:

The topics of the SCS'08 include, but not limited to, the following:

- Analog and mixed signal processing
- Wavelets and multi-rate signal processing
- Adaptive signal processing
- Analog, Mixed Signal and RF systems
- Low Voltage and Low Power systems
- Analog and Mixed Signal testing
- DFT, BIST and BISR
- Embedded systems
- SOC, SIP design
- System modelling: tools, analysis and simulation
- Synthesis (physical, logic,...)
- Multiprocessor systems
- Wireless systems
- MEMS and MOEMS systems
- Nanotechnology
- Novel components for mechatronic systems, e.g. sensors and actuators
- Sensing and Control
- System design
- Robotics
- Innovative technologies
- Linear and nonlinear circuits and systems
- Chaos and applications
- Distributed circuits and systems
- Power electronics and systems
- Biomedical Circuits and Systems
- Neural networks
- Cellular neural networks
- Fuzzy logic and circuits
- Pattern Recognition
- Speech processing and coding
- Image Processing and coding
- Video and multimedia technology
- Signal processing and communications
- Computer communications

PAPERS SUBMISSION:

Authors are invited to submit original, unpublished research work for the SCS'08. Paper submissions should be complete manuscripts. The paper must clearly indicate the area, main results and contributions. The manuscript should follow the instructions given in the author's kit of the conference web site. On the title page, please include: author name(s) and affiliation(s), mailing address and contact author e-mail. All submissions should be as MSWord or PDF files and have to be made electronically through the SCS'08 on-line submission system.

A submission will be considered as evidence that, upon acceptance, an author or coauthor will prepare the final version in due time and also a commitment that he or she will register, attend the meeting and present the paper during the conference.

IMPORTANT DATES:

- **July 31, 2008** : Submission deadline
- **September 22, 2008** : Notification of acceptance
- **October 13, 2008** : Final version due date

FOR GENERAL INFORMATION

Conference Web site:

<http://www.emc-lab.net/Conferences/SCS2008>

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