

# 8<sup>th</sup> International Multi-Conference on Systems, Signals & Devices (SSD'11)



SOUSSE – TUNISIA, 22-25 MARCH 2011



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 CSP : Faouzi Derbel (D)  
 SCI : Lotfi Kammoun (TN)

## Important dates

**October 15, 2010**

submissions of full papers

**January 15, 2011**

notifications of  
 acceptances/rejections

**January 31, 2011**

submissions of accepted papers  
 (final version)

[www.ssd-conf.org](http://www.ssd-conf.org)

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is held by  
**University of Sfax (Tunisia), Chemnitz University of Technology (Germany) ,  
 Philadelphia University (Jordan)**



with the support of



## Aims & Scope

The **International Multi-Conference on Systems signals & Devices** is a scientific event that includes four scheduled conferences covering almost fields of electrical and electronics engineering:

- Systems Analysis and Automatic Control (**SAC**)
- Power Electrical Systems (**PES**)
- Communication and Signal Processing (**CSP**)
- Sensors, Circuits and Instrumentation Systems (**SCI**)

The event is a forum for specialists to present their research results and to share experiences with other attendees coming from all over the world. It provides a serious opportunity for attendees to promote partnership between universities.

Authors of best presented papers at SSD conferences will be offered an opportunity to publish their works in a newly launched international journal entitled: **Transactions on Systems, Signals and Devices** (ISSN 1861-5252), which is published by **Shaker-Verlag** (Germany).

## Topics include but not limited to

### ★ Systems Analysis and Automatic Control(SAC):

Linear Control Theory and Applications	Mechatronics
Predictive and Adaptive Control	Robotics
Distributed Control	Modeling and Identification
Optimal and Stochastic Control	Intelligent Control
Nonlinear Control	Automation

### ★ Power Electrical Systems(PES):

Electric Machine Modeling and Control	Variable Speed Drives
Electric Machine Design	Automotive Electrical Systems
Special Machines Power Systems	Renewable Energy Generation
Power Converters Transformers	

### ★ Communication and Signal Processing (CSP) :

Digital Signal Processing	Wireless and Optical Networks
Image and Video Compression Algorithms	Information Retrieval
Speech Recognition and Identification	Adaptive and Smart Antennas
Biometry and Medical Imaging	Telecommunication Systems Coding and Information Theory
Modulation and Signal Design	

### ★ Sensors, Circuits and Instrumentation Systems (SCI):

Sensors and Instrumentation Systems	Signal Processing for Sensor Systems
Optical, Chemical and Biomedical Sensors	Wireless Sensor Networks
Mechanical sensors	MEMS
Analog and Digital Sensors	Interfacing Circuits
Smart Sensor Systems	Data Acquisition Systems

## Paper Submission

Papers submitted to SSD'11 should be written in English. They should be limited to six pages. Paper format and styles (LaTeX and MS-Word) are available for download at the conference website ([www.ssd-conf.org](http://www.ssd-conf.org)). Paper submission should be done electronically through the conference website.