

# 13<sup>th</sup> International Multi-Conference on Systems, Signals and Devices SSD March 21 – 24, 2016 in Leipzig, Germany



## General Chairs SSD'16

F. Derbel (DE), M. Feki (TN)

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The International Multi-Conference on Systems, Signals and Devices (SSD) spans research, development and applications in the field of electrical engineering and information technology. The 13<sup>th</sup> edition SSD'16 will be held in Leipzig, Germany, from 21<sup>st</sup> to 24<sup>th</sup> of March, 2016.

The SSD is established since its founding in 2001 as a forum for specialists to present latest research results and to share experience with others coming from all over the world. With five scheduled conferences, the SSD covers highly interesting fields of electrical and information technology: Systems Automation and Controls (SAC), Communication, Power Systems and Smart Energies (PES), Signal Processing and Information Technologies (CSP), Sensors, Circuits and Instrumentation Systems (SCI), and Micro and Nano Electronic Systems (MINE). Each conference includes keynote lectures by eminent scientists as well as oral sessions. Special issues of renowned scientific Journals will be published.

## Systems Automation and Controls

- Advances in Linear Control Theory
- Modeling and Identification
- Linear and Nonlinear Control
- Predictive and Adaptive Control
- Neural and Fuzzy Control
- Man-Machine Systems
- Large Scale Systems
- Robotics and Mechatronics

## Communication, Signal Processing & Information Technologies

- Communication Systems
- Digital Signal Processing
- Wireless Communication
- Coding Compression and Inf. Theory
- Image, Video and Speech Processing
- Computational Intelligence
- Distributed and Real Time Systems

## Sensors, Circuits and Instrumentation Systems

- Sensors, Nano Sensors, Nano Systems
- Sensor Signal Processing
- Impedance Spectroscopy
- Energy Harvesting and Transmission
- Circuit Test, Device Characterization and Modelling
- Custom and Semi-Custom Circuits
- Embedded Systems

## Micro and Nano Electronic Systems

- Simulation, Validation and Verification
- Device Modeling
- SOC, NOC, SIP Design
- Analog and Mixed Signal Testing
- Nanostructured Materials and Devices
- Modeling and Simulation at the Nanoscale
- Sustainable Nano Manufacturing

## Power Systems and Smart Energies

- Power Converters
- Electrical Machine Design
- Automotive Electrical Systems
- Monitoring and Diagnostics
- Variable Speed Drives
- Power Systems
- Renewable Energy
- Smart Grids

## Important Dates

Special sessions proposals:

September 15, 2015

Regular paper submission:

October 10, 2015

Acceptance notification:

January 15, 2016

Final paper submission:

January 31, 2016

All contributions must be submitted electronically through the EDAS conference Management System <http://edas.info/N19957>. Formatting guidelines and detailed submission instructions are available on the SSD 2016 website ([www.ssd-conf.org/ssd16/](http://www.ssd-conf.org/ssd16/)). Accepted and presented papers during the conference will be published in IEEEExplore. Authors of best papers presented at SSD conferences will be offered an opportunity to publish their works in international journals.

