



**March 20-23, 2012**  
**Chemnitz, Germany**

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**IEEE SSD '12 - CSP**

**International Conference on Communication and Signal Processing**

March 20-23, 2012, Chemnitz - Germany

**First Call For Paper**

organized by

Chemnitz University of Technology (Germany), University of Sfax (Tunisia) and Philadelphia University (Jordan)

with the technical support of



**CHEMNITZ UNIVERSITY OF TECHNOLOGY**

**Venue**

Chemnitz, more than 800 years old, is situated in the heart of Saxony. The city is the third-largest in Saxony and is designated as "City of Modernity". Developed at the time of Classical Modernism, it became the "Manchester of the Continent", giving impetus to the development of business and science. The influences of the cultural and architectural modernism are visible so that today Chemnitz is a city with many interesting facets.

**Aims & Scope**

**The International Conference on Communication and Signal Processing** is a forum for specialists to present their research results and to share experiences with other attendees coming from all over the world. It is the 9th conference since the founding of SSD in 2001 which is supported by international organizations such as IEEE, TSS and different scientific journals.

SSD-CSP will include keynote lectures by eminent scientists as well as oral and poster sessions. All papers will be peer reviewed on the basis of full manuscripts and acceptance will be based on quality, originality and relevance. SSD-CSP participants will have the possibility to attend all SSD conferences taking place in parallel, such as: Systems Analysis and Automatic Control (SAC), Power Electrical Systems (PES) and Sensors, Circuits and Instrumentation Systems (SCI).

Presented conference papers will be published in referred conference proceedings and in the IEEE Xplore digital library. Best presented papers at SSD conferences will be selected for the international journal: Transactions on Systems, Signals and Devices (ISSN 1861-5252) by Shaker-Verlag (Germany).

**Topics**

**The International Conference on Communication and Signal Processing** will cover topics related to signal processing, image processing and communication systems, including (but not limited to) the following:

- Digital signal processing
- Image and video compression algorithms
- Speech recognition
- Biometry and medical imaging
- Data fusion and pattern recognition
- Modulation and signal design
- Specification of signal processing systems
- Communication for AAL and localization
- Wireless and optical communication
- Information retrieval
- Adaptive and smart antennas
- Coding compression and information theory
- Telecommunication systems
- Influences of E-Mobility on communication

**Paper Submission**

Papers submitted to SSD-CSP should be written in English and 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 EDAS website <http://edas.info/N10633>.

**Important Dates**

- **November 15th, 2011:** submissions of full papers
- **January 15th, 2012:** notifications of acceptances/rejections
- **January 30th, 2012:** submissions of accepted paper final versions

**Conference**

**Emails:** [info@ssd-conf.org](mailto:info@ssd-conf.org); [csp@ssd-conf.org](mailto:csp@ssd-conf.org)  
**URL:** [www.ssd-conf.org](http://www.ssd-conf.org)