

ICSES 2014  
Poznan, POLAND



ICSES 2014 International Conference on  
Signals and Electronic Systems  
11-13 September 2014, Poznan, POLAND



We are cordially inviting you to the **ICSES 2014 - International Conference on Signals and Electronic Systems**. ICSES international conferences are organized since the year of 2000. ICSES 2014 is the 9<sup>th</sup> one, and were preceded by 22 annual national conferences. The goal of the conference is to provide an international forum for presentation of research progress, recent advances and applications in signals, images, circuits and systems.

The scope of the conference includes, but is not limited to:

**Signals:**

- Analog and digital signals processing.
- Speech and biomedical signal processing and coding.
- Multirate signal processing.
- A/D and D/A conversion.

**Images:**

- Image processing.
- Image formation, modeling and representation.
- Image analysis and pattern recognition.
- Image/video coding and transmission.
- Image storage, retrieval.
- Multimedia.

**Circuits:**

- General circuits theory.
- Methods of circuit analysis and optimization.
- Analogue and digital filter design.
- ASICs and VLSI circuit design.
- Nonlinear and chaotic circuits.
- Switched-capacitor and switched-current circuits.
- Neural networks, Cellular neural networks.
- RF and microwave circuits.

**Systems:**

- Analog and digital electronic systems.
- VLSI and large scale systems.
- Data Acquisition Systems.
- FPGA-based systems.
- Nonlinear, adaptive, and intelligent systems.
- Neural and fuzzy systems.
- Artificial intelligence and expert systems.

**Mathematical and Computational Methods:**

- Fast algorithms and transforms.
- Simulation and modeling.
- Testing and fault analysis.
- Sensitivity and symbolic analysis.
- Multiresolution analysis and wavelets.
- Neural and fuzzy computing.
- Computer aided design.

**Education & Applications:**

- Software for teaching signals and electronic systems.
- Student laboratories in electronic systems.
- Security systems.
- Signals processing in medicine, communications, etc.

**SUBMISSION and PROCEEDINGS**

Papers presented at the conference will be included in the IEEE Xplore and Web of Science databases, which means that they should meet IEEE conference publication standards. Submitted papers will be reviewed; they must be unpublished and not considered for publication elsewhere. Submission can be done only electronically in pdf format through the web site <http://icses2014.et.put.poznan.pl>.

Best papers will be recommended for publication in **International Journal of Electronics and Telecommunications**, **Metrology and Measurement Systems** and **Elektronika**.

Young scientists (age below 35) can participate in a contest for the best paper presented during the conference.

**ORGANIZERS**

Chair of Telecommunication Systems and  
Optoelectronics  
Poznan University of Technology

**Ryszard Stasiński** - Chairman of the Organizing Committee  
**Mieczysław Jessa** - Vice-chairman

Conference Office

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**REGISTRATION FEES**

Basic registration fees: regular – 400 €  
student – 300 €  
For more details see the conference page.

**IMPORTANT DATES**

**Paper submission deadline (Extended)** June 30, 2014  
**Notification of acceptance** ..... August 1, 2014  
**Submission of final papers** ..... August 15, 2014  
**Deadline for registration fee** ..... August 15, 2014