

ICESES'10

International Conference on Signals and Electronic Systems



Gliwice, Poland
September 7-10, 2010

First Call for Papers

<http://iceses2010.polsl.pl>

ABOUT THE CONFERENCE

On behalf of the International Program Committee and the Organizing Committee we have a great pleasure to invite You to Gliwice for the 7th IEEE International Conference on Signals and Electronic Systems – ICSES 2010. This conference, which has been organized in Poland since 2000 is a natural inheritor of the National Polish Conference on Circuit Theory and Signals. Every previous ICSES conference brought the international scientific community together and proved to be a great opportunity for reporting, sharing and discussions on new theoretical as well as practical aspects of circuits and electronic systems. This conference is the most important scientific event in the field of electronic signals and systems in Poland and is organized every second year alternately with the European conference ECCTD.

SCOPE

- **Signals:**
Signals: Analog and digital signals processing; Speech and biomedical signal processing and coding; Multirate signal processing; A/C and C/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, synthesis, design, and optimization; Analog 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; Electronic embedded systems; VLSI and large scale systems; Data Acquisition Systems, FPGA-based systems; Multimedia systems; RF systems, Communication 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.
- **Applications:**
Electronic systems, signals and image processing and recognizing in medicine, environment, communications etc.
- **Education:** Multimedia in education; Software for teaching signals and electronic systems; Student laboratories.

INVITED SESSIONS

Invited sessions on specific topics will be organized. Proposals for Invited Sessions in all areas will be given later. Every sessions should consist of at least two talks, 40 minutes each.

FORMS OF PRESENTATION

- plenary sessions
- regular papers (talks)
- short contributions (work in progress)
- posters



IMPORTANT DATES

- May 7, 2010** Deadline for paper submission
June 30, 2010 Notification of acceptance
July 23, 2010 Deadline for reduced registration fee
July 23, 2010 Deadline for camera-ready papers

Paper submission

Each paper will be reviewed by at least three researchers (experts) in the field. All the accepted papers will be printed electronically in the proceedings of the conference and in the IEEEExplore catalog. Selected papers, in a revised form will be recommended for publication in internationally renown journals.

Conference Fees

Normal rate: 350 EUR per person;
Reduced rate: 315 EUR per person (for graduate students and PhD students and IEEE members).



Hotel Information

A selection of hotels of various standard including economy class will be available at the conference site. Most of them are located at walking distance from the conference site and close to the city center.

Organizing Committee

Chair: Jerzy Rutkowski
Co-Chair: Andrzej Pułka
Secretary: Tomasz Golonek
Institute of Electronics
Silesian University of Technology
ul. Akademicka 16, 44-100 Gliwice
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VENUE

**Centrum Kongresowe,
Silesian University of Technology**
ul. Konarskiego 11
44-100 Gliwice, Poland

International program Committee

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Krzysztof Wawryn, Poland
Jacek Wojciechowski, Poland
Jan Zarzycki, Poland
Tomasz Zieliński, Poland
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MORE INFORMATION:

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