



Sekcja  
Sygnałów,  
Układów  
i Systemów  
Elektronicznych



IEEE



## ICSES 2018

### International Conference on Signals and Electronic Circuits

Kraków, September 10-12, 2018

### Second Call for Papers



#### ABOUT THE CONFERENCE

On behalf of the Program Committee we have a great pleasure to invite you to Kraków for the 10th International Conference on Signals and Electronic Systems – ICSES 2018. The conference, which has been organized in Poland biannually (alternately with ECTTD) since 2000 is an inheritor of the National Polish Conferences on Circuit Theory and Electronics Circuits (KKTOiUE). Every previous edition 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. Starting from 2008 conference has been technically co-sponsored by IEEE and presented papers are indexed in WoS.

#### SCOPE OF THE CONFERENCE

Includes, but is not limited to:

**Signals:** analog and digital signal processing, speech and biomedical signals, 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, multimedia

**Circuits:** general circuit theory, methods of circuit analysis, synthesis, design, and optimization, analog and digital filters, ASICs and VLSI design, nonlinear and chaotic circuits, SC and SI circuits, neural networks, RF and microwave circuits

**Systems:** analog and digital electronic systems, 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

**Education:** multimedia in education, software for teaching signals and electronic systems, student labs

#### CONFIRMED INVITED SPEAKERS

**Robert Bogdan Staszewski** *Time-Domain Paradigm of Designing IoT Radios*

**Kris Iniewski** *Emerging Semiconductor Sensor Technology for Spectral Computed Tomography*

#### IMPOTRANT DATES

**May 6, 2018** Regular papers submission

**June 24, 2018** Notification of acceptance

**July 8, 2018** Reduced registration fee payment

**July 22, 2018** Camera-ready papers

<http://www.icses2018.agh.edu.pl>

## PAPER SUBMISSION

Please submit original research work – not published elsewhere nor submitted to another conference/journal. Each paper will be reviewed by at least two reviewers. All the accepted and presented papers will be included in the proceedings e-book and sent to IEEEExplore. Selected papers, in a revised and expanded form may be recommended for publication in international journals.

**Paper submission/format** – see the conference website for details

## CONFERENCE FEES

Standard: 450 EUR

Reduced: 300 – 400 EUR

Standard fee includes single paper registration, admission to all sessions, coffee breaks, lunches and social events. Various reduced rates apply for students, IEEE and PTETIS members provided they are paid before July 8, 2018. Consult webpage for details

**TRAVEL, VISAS** – see webpage for details or contact the organizers

## HOTEL RESERVATION

Conference fee does not include accommodation costs, and each participant has to book a hotel on her/his own.. Kraków has relatively good hotel network, and a special offer for ICSES2018 guests will be prepared by some hotels located close to the venue (eg. „Polonez \*\*\*” hotel inside AGH campus)

## CONFERENCE VENUE

AGH Computer Science Center  
Kraków, Kawory 21

## INQUIRES

LOCAL COMMITTEE SECRETARY  
Piotr Dziurdzia, AGH Kraków  
icses18@agh.edu.pl

## PROGRAM COMMITTEE

Tomasz Adamski - Poland  
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Mark Zwolinski - UK

<http://www.icses2018.agh.edu.pl>