

## International Conference on Systems, Signals and Image Processing

Osijek, Croatia 5-7 June 2019

The 26th International Conference on Systems, Signals and Image Processing, IWSSIP 2019 will be held in Osijek, Croatia, from June 5 to June 7, 2019 and hosted by the Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology Osijek.

IWSSIP is an international conference on theoretical, experimental and applied signal processing.

IWSSIP brings together researchers and developers from both academia and industry to report on the latest scientific and theoretical advances, to discuss major issues and to demonstrate state-of-the-art. IWSSIP 2019 will follow the successful events previously held in Budapest, Manchester, Poznan, Zagreb, Bratislava, Maribor, Bucharest, Prague, Chalkida, Rio de Janeiro, Sarajevo, Vienna, Dubrovnik and London.

**Topics of interest** The program includes keynote and special lectures presented by eminent experts in the field, peer reviewed papers and invited sessions about but not limited to the following topics:

### Signal Processing

- Signal estimation & detection
- Feature extraction
- Filtering
- Transformations

### Image and Video Processing

- Coding
- Quality enhancement & evaluation
- Scene analysis
- Object localization & recognition
- Texture detection & extraction
- Medical image processing
- Image and video processing for autonomous driving

### Speech and Audio Processing

- Coding
- Enhancement
- Speech recognition
- Speaker identification & verification
- Speech synthesis

### Machine learning

- Neural networks
- Support vector machines
- Evolutionary algorithms
- Classification theory and methodology
- Data mining

### Human Machine Interface

- Speech processing for HMI
- 2D and 3D Face recognition
- Gesture navigation
- Brain control interface

### Multimedia

- Multimedia content processing & description
- Multimedia signal processing
- Multimedia communications, networking, services & applications
- Multimedia systems & services

### Network

- Multicast and broadcast for IPTV, DVB & IPTV technologies

- IMS based NGN architecture, services & protocols
- Content delivery networks
- Software defined networks
- Network function virtualization

### Security

- Watermarking & encryption
- Information & network security
- Authentication protocols & services

### Wireless Communications

- MIMO & multi-antenna communications
- Cooperative transmission & reception
- Next generation mobile networks
- Wireless sensor network systems
- Cognitive radio

### Modern ICT in E-learning

- Online and virtual labs
- Effective teaching and learning
- Immersive technologies and online applications for online education

## Paper submission and publication

Prospective authors are invited to submit full papers (maximum six pages including figures and references) of novel research material. Papers must be submitted electronically by February 17, 2019 using Easy Chair. Each paper will be blind reviewed by at least two independent reviewers and evaluated with special attention to its originality, significance and clarity. As in the previous years, all accepted papers will be submitted to IEEE Xplore. All accepted papers will be published in Proceedings that will be available at the conference. Outstanding, extended and enhanced versions of selected papers will be published in scientific journals indexed in Web of Science and Scopus.

## IMPORTANT DATES

- Full paper | February 17, 2019
- Notification of Acceptance | April 2, 2019
- Camera ready paper | April 15, 2019
- Early registration | April 20, 2019
- Registration deadline | May 10, 2019

### Honorary chair

Branka ZOVKO-CIHLAR

### General chairs

Snježana RIMAC - DRLJE  
Drago ŽAGAR

### Program chairs

Goran MARTINOVIĆ  
Kruno MILIČEVIĆ

### Publication chair

Irena GALIĆ

## Organizer

Josip Juraj Strossmayer University of Osijek  
Faculty of Electrical Engineering, Computer Science and Information Technology Osijek

## Contact

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