

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.

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

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

Contact

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