

## CALL FOR PAPERS

# International Conference on Systems, Signals and Image Processing 2021

The 28<sup>th</sup> International Conference on Systems, Signals and Image Processing, IWSSIP 2021 will be held in Bratislava, the capital of the Slovak Republic, from **June 2 to June 4, 2021** and hosted by the Slovak University of Technology in Bratislava.

IWSSIP brings together researchers and developers from both academia and industry to report on the latest scientific and theoretical advances, to discuss and debate major issues and to demonstrate state-of-the-art systems. IWSSIP 2021 will follow the successful events previously held Niteroi/Rio de Janeiro, Osijek, Budapest, Manchester, Poznan, Zagreb, Bratislava, Maribor, Bucharest, Prague, Chalkida, Rio de Janeiro, Sarajevo, Vienna, Dubrovnik, and London. Now IWSSIP is calling for papers about but not limited to the listed topics.

## Topics of Interest

### Signal Processing

- Signal estimation and detection
- Signal enhancement
- Feature extraction
- Filtering
- Transformations

### Image and Video Processing

- Coding
- Enhancement
- Scene analysis
- Object localization & recognition
- Texture detection & extraction
- Medical image processing

### Speech and Audio Processing

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

### Multimedia

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

### Human Machine Interface

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

### Machine Learning

- Neural networks
- Support Vector machines
- Evolutionary algorithms
- Classification theory & methods
- Data mining

### Security

- Watermarking and encryption
- Information and network security
- Security protocols and services

### Networks

- Multicast & broadcast for IPTV, DVB and IPTV technologies
- IMS based NGN architecture, services and protocols
- Content delivery networks
- Software defined networks
- Network functions virtualization

### Wireless Communications

- MIMO and multi-antenna communications
- Cooperative transmission and reception
- Next generation mobile networks
- Broadband wireless 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 effective learning

## Important Deadlines

Full paper | **February 21, 2021**  
Notification of Acceptance | **April 12, 2021**  
Camera ready paper | **April 19, 2021**  
Early registration | **April 23, 2021**  
Registration deadline | **May 7, 2021**  
Conference Days | **June 2-4, 2021**

## Paper Submission & 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 21, 2021. 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 journal indexed in Web of Science and Scopus.

## Contact

### Gregor Rozinaj

General Chair of IWSSIP 2021  
Faculty of Electrical Engineering and Information Technology  
Ilkovičova 3  
812 19 Bratislava, Slovakia

Phone | +421 2 682 79 414

Fax | +421 2 602 91 763

E-mail | [iwssip@stuba.sk](mailto:iwssip@stuba.sk)

Web | <http://iwssip.stuba.sk>

Facebook | IWSSIP

Twitter | @iwssip2021

## Pricing

For more information about terms of attendance and pricing please visit [iwssip.stuba.sk](http://iwssip.stuba.sk)

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