

CALL FOR PAPERS

International Conference on Systems, Signals and Image Processing 2021

The 28th 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 | **March 21, 2021 (extended)**
Notification of Acceptance | **April 26, 2021**
Camera ready paper | **May 3, 2021**
Early registration | **April 26 – May 7, 2021**
Registration deadline | **May 19, 2021**
Conference Days | **June 2–4, 2021**

Paper Submission & Publication

Prospective authors are invited to submit **full papers** (maximum 12 pages including figures and references, preferred format) and **short papers** (maximum 6 pages including figures and references) of novel research material. Papers must be submitted electronically by **March 21, 2021 (extended deadline)**. Each paper will be blind reviewed by at least two independent reviewers and evaluated with special attention to its originality, significance and clarity. We cooperate with Springer to publish all accepted papers in CCIS post-conference proceedings. Outstanding, extended and enhanced versions of selected papers will be published in scientific journal indexed in Web of Science and Scopus.

Contact

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Registration

For more information about the terms of attendance and fees please visit

iwssip.stuba.sk

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