IWSSIP 2014

International Conference on Systems, Signals and Image Processing

Dubrovnik, Croatia, May 12-15, 2014

The 21st International Conference on Systems, Signals and Image Processing, IWSSIP 2014, will take place in the city of Dubrovnik, Croatia from May 12th until May 15th, 2014 and will be organized by the University of Zagreb, Faculty of Electrical Engineering and Computing.

IWSSIP (www.iwssip.org) is an international conference on theoretical, experimental and applied signal processing techniques. 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. The proceedings of IWSSIP 2014 will be submitted for posting to IEEE Xplore. More details about IWSSIP 2014 can be found on: www.vcl.fer.com/iwssip2014.

Areas of Interest

The program includes keynote talks presented by eminent experts in the field, peer reviewed contributed papers and special sessions about but not limited to the following topics:

Signal Processing
- Signal processing and systems
- Speech and audio processing
- Signal detection and estimation
- Signal processing for communications
- Neural networks and fuzzy systems
- Genetic algorithms

Image and Video Processing
- Image and video processing and coding
- Medical imaging and image analysis
- Video streaming and video conferencing

Wireless Communications
- MIMO and multi-antenna communications
- Cooperative transmission and reception
- Next generation mobile networks
- Broadband wireless networks
- Wireless sensor network systems
- Cognitive radio

Networks
- Multicast & broadcast for IPTV
- DVB and IPTV technologies
- IMS based NGN architecture, services and protocols

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

Security
- Watermarking and encryption
- Digital image forensics
- Trust and security systems
- Information and network security
- Authentication protocols and services

Keynote speakers

Prof Tulay Adali, PhD: ICA and IVA: Theory, Connections, and Applications to Medical Imaging
Prof Aleksandar Todorović, PhD: The Boundless Spaces of Expanded Multimedia
Prof Joachim Weickert, PhD: Image Compression with Diffusion

Submission

Prospective authors are invited to submit full-length, four-pages long papers (including figures and references) of novel research material. Papers must be submitted electronically by December 9, 2013 using CMT. Each paper will be reviewed by at least two independent reviewers and evaluated based on its originality, significance and clarity.

SCHEDULE OF IMPORTANT DEADLINES	
Submission of full papers EXTENDED!	*December 20, 2013*
Acceptance notification	*January 15, 2014*
Submission of camera-ready papers	*January 22, 2014*

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Branka Zovko-Cihlar
University of Zagreb

Program Chair

Mislav Grgić
University of Zagreb

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