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# IWSSIP'06

13<sup>th</sup> International Conference on Systems, Signals & Image Processing  
September 21-23, 2006 - Budapest, Hungary

## CALL FOR PAPERS

The 13<sup>th</sup> International Conference on Systems, Signals and Image Processing, IWSSIP'06 is co-organised by the BUTE of Budapest, Hungary and TUKE of Košice, Slovak Republic, in co-operation with IEEE, IEE, IEEE Region 8, IEEE Hungarian Section and EURASIP. IWSSIP'06 is an International Conference on the theoretical, experimental and applied signal and image processing techniques and systems which 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 IWSSIP'06 program will also include a variety of special sessions and tutorials devoted to recent and important developments in the field.

## SCOPE

- 1. Signal Processing:** General techniques and algorithms. Adaptive DSP algorithms; Filter Bank Theory; Spectrum Estimation and Processing; Non-linear Systems; Digital Transforms; Multidimensional Signal Processing; Pattern Recognition.
- 2. Technologies:** Neural Networks; Fuzzy Systems; Expert Systems; Genetic Algorithms; Data Fusion.
- 3. Multimedia Content Processing:** Speech Processing and Recognition, Audio Enhancement, Restoration and Analysis, Image Representation and Modelling, Image Restoration and Enhancement; Colour Vision, 3D Vision, Image and Video Analysis; Pattern Recognition; Watermarking, New Media.
- 4. Multimedia Data Compression:** Speech and Audio Compression, Image and Video Coding, Scalable Techniques, Standards.
- 5. Multimedia Systems:** Human Factors, Multimodal Interfaces, Networked Multimedia, Seamless Audiovisual Networks, Multimedia Services; Multimedia Servers; Multimedia Streaming, Wireless and Mobile Multimedia, Universal Multimedia Access, Right Protection and Management.
- 6. Content Description:** Metadata and Media Abstracts, Audiovisual Databases.
- 7. Implementations:** Analog and Digital Circuits and Systems for Audio, Image and Video Processing; Architectures and VLSI Hardware; Programmable Signal Processors; Real-time Software.
- 8. Applications:** Bioinformatics; Broadcasting; Control; Communications; Digital Production; Medical; Optomechanics; Remote Sensing; Robotics; Speech; Television; Telepresence; e-learning; Virtual Reality; Remote Sensing.

## SUBMISSION PROCEDURE

Prospective authors are invited to submit original research papers in any of the technical areas listed above. They should submit their full paper in English, including the summary of the accomplishments and the significance of the contribution. Submission should include in a separate sheet the author(s) name(s) and affiliation(s); the contact author should be identified by providing his/her mail and e-mail address, telephone and fax numbers. All papers will be fully peer reviewed. Hardcopy and electronic submission, along with www uploading are available. For more information please visit the official IWSSIP'06 Site: <http://cyberspace.mht.bme.hu/iwssip06/>. Accepted papers will be published in the IWSSIP'06 Proceedings. At least one author of each accepted paper must register for the conference and present the contribution. After further peer reviewing, selected papers will be proposed for publication in special issues of scientific journals.

## SCHEDULE

Deadline for submission of full papers	May 22, 2006
Notification of acceptance mailed out by	June 30, 2006
Early Registration deadline	July 10, 2006
Deadline for submission of camera-ready papers	July 14, 2006
Registration deadline	August 14, 2006
Conference	September 21, 2006

## CONFERENCE SITE

IWSSIP'06 will be held at Flamenco Hotel, Tasvezér utca 7., Budapest, Hungary  
Information: <http://cyberspace.mht.bme.hu/iwssip06> and [iwssip06@cyberspace.mht.bme.hu](mailto:iwssip06@cyberspace.mht.bme.hu) (will be available after December 1, 2005.)



Budapest University of Technology  
and Economics

