

IIH-MSP 2016 The Twelfth International Conference on Intelligent Information Hiding and Multimedia Signal Processing

November 21-23, 2016 Kaohsiung, Taiwan

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CALL FOR PAPERS

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The Twelfth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIH-MSP 2016), technically co-sponsored by Tainan Chapter of IEEE Signal Processing Society, Choayang University of Technology, Fujian University of Technology, National Kaohsiung University of Applied Sciences and Taiwan Association for Web Intelligence Consortium.

Multimedia technologies facilitate the creation of global information infrastructure for acquiring, storing, communicating data with different forms. Proliferation of multimedia applications raises challenges such as multimedia security and privacy, big data in multimedia, and intelligence in multimedia processing. IIH-MSP is an annual event serving as an international forum for researchers and practitioners from information hiding and multimedia signal processing to exchange latest research outcomes. We invite submissions of original research papers for the conference tracks: (1) Information Hiding and Security, (2) Multimedia Signal Processing and Networking, and (3) Bio-inspired Multimedia Technologies and Systems.

Topics of interest include, but are not limited to:

Track I: Information Hiding and Security

- Watermarking: techniques, attacks, protocols, applications
- Steganography and steganalysis: techniques, protocols, applications
- Cryptography and cryptanalysis: techniques, protocols, applications
- Data authentication issues and access control themes
- Broadcast and public-key encryption
- Forensic analysis and tracing traitors
- Digital rights management and legal aspect
- RFID security and home network privacy
- Platform integrity and trusted computing
- Systems engineering and development for information hiding & security
- ASIC/FPGA/GPGPU design and implementation for information hiding & security
- Enabling technologies and emerging standards for information hiding & security

Track II: Multimedia Signal Processing and Networking

- Multimedia sensing and sensory systems
- Multimedia source coding and channel coding
- Multimedia signal analysis and visualization
- Multimedia signal mining and data fusion
- Wired and wireless Multimedia networking and communication techniques
- Multimedia/multimodal signal interpretation and automatic recognition
- Multimedia databases and retrievals
- Multimedia hyperlink techniques and applications
- Advances in multimedia content description interfaces
- Multimedia big data
- Systems engineering and development for multimedia systems
- Enabling technologies and emerging standards for multimedia systems

Track III: Bio-Inspired Multimedia Technologies and Systems

- Artificial neural networks for multimedia processing: models, learning paradigms, architectures, and implementations
- Fuzzy systems and evolutionary computing for intelligent multimedia processing
- Human-machine multimodal interaction: e.g. face/speech recognition, facial expression and emotion categorization, gesture analysis and recognition, etc.

The conference proceedings will be published in the book series of **Smart Innovation, Systems and Technologies** by Springer. Normally, papers in this series are indexed by EI. If the paper is not presented in the conference, the paper will be excluded from the conference proceedings.

Important Dates:

Invited session proposals:

Paper submission:

Acceptance notification:

Camera-ready paper submission:

June 15, 2016

June 15, 2016

August 1, 2016

September 1, 2016

July 15, 2016

July 15, 2016

August 15, 2016