The Fourth International Conference on Intelligent Information Hiding and Multimedia Signal Processing
August 15-17, 2008
Harbin, China

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IIH-MSP 2008 is the fourth International Conference on Intelligent Information Hiding and Multimedia Signal Processing. The conference this year is technically co-sponsored by IEEE, KES International, and Ubiquitous International and hosted by HARBIN INSTITUTE OF TECHNOLOGY with website *http://iihmsp2008.hit.edu.cn*. Multimedia technologies with an increasing level of intelligence are emerging to enable the process of creating a global information infrastructure that will interconnect heterogeneous computer networks and various forms of information technologies around the world. The conference is intended as an international forum for researchers and professionals in all areas of information hiding and multimedia signal processing. We invite submissions of papers presenting a high-quality original research and development for the conference tracks: (1) Information Hiding and Security, (2) Multimedia Signal Processing and Networking, and (3) Bio-inspired Multimedia Technologies and Systems.

SCOPE: 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
- VLSI/ASIC/FPGA/SOC design and implementation for information hiding & security
- Enabling technologies and emerging standards for information hiding & security

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.

Track II: Multimedia Signal Processing and Networking
- Multimedia sensing and sensory systems Steganog
- Multimedia source coding and channel coding
- Multimedia signal analysis and visualization
- Multimedia signal mining and data fusion
- Multimedia networking and communication techniques (wired & wireless)
- Multimedia/multimodal signals interpretation and automatic recognition
- Multimedia databases and retrievals
- Multimedia hyperlink techniques and applications
- Advances in multimedia content description interface (e.g. MPEG-7)
- Advances in multimedia framework: (e.g. MPEG-21)
- Advances in multimedia framework: (e.g. MPEG-21)
- Systems engineering and development for multimedia systems
- VLSI/ASIC/FPGA/SOC design and implementations for multimedia systems
- Enabling technologies and emerging standards for multimedia applications

Paper Submission at: http://bit.kuas.edu.tw/~iihmsp08/

Extended versions of selected papers will be published in the KES journal, and Springer-Verlag in `Studies in Computational Intelligence' series

Important Dates
The deadline for paper submission	**March 10, 2008**
The date for notification	March 31, 2008
The deadline for camera-ready paper submission	April 30, 2008

The Conference Proceedings will be published by IEEE Press.