



The Second International Workshop on Multimedia, Information  
Privacy and Intelligent Computing Systems

**The Second MPIS in 2009**

**Call for Papers**



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The Second International Workshop on Multimedia, Information Privacy and Intelligent Computing Systems, (MPIS-2009) at <http://www.ftrg.org/MPIS2009> is held at [Haevichi Hotel & Resort](#) on December 10 - 12, 2009, Jeju Island, Korea in conjunction with the 2nd International Conference on Computer Science and its Applications (CSA 2009), Jeju, Korea, <http://www.ftrg.org/CSA2009>

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Multimedia technologies and intelligent computing are emerging rapidly as an exciting paradigm including multimedia signal processing, information hiding, evolutionary computing such as neural network and fuzzy theory to enable the process of creating applications of intelligent computing in multimedia for various domains.

This workshop on **M**ultimedia, **I**nformation **P**rivacy and **I**ntelligent Computing **S**ystems is intended to foster the dissemination of state-of-the-art research in the area of multimedia and intelligent computing including multimedia signal processing, information security, soft computing such as neural network, fuzzy theory and genetic algorithm, and novel applications of intelligent computing in multimedia. As a follow-up to the workshop, we plan to publish high quality papers, covering the various theories and practical applications related to multimedia and intelligent computing. The published papers are expected to present high level results to solve the application services and various problems in the multimedia and intelligent computing fields. In addition, we expect they will trigger further related research and technological improvements of the multimedia and intelligent computing. The goal of the workshop is to bring together researchers from academia and industry as well as practitioners to share ideas, problems, and solutions relating to the multifaceted aspects of Information Technology as related to multimedia and the applications of intelligent computing in multimedia.

**Proceedings:** With regard to the papers submitted to MPIS-2009, all accepted papers will be included in the conference proceedings published by IEEE Press and will be included in the IEEE Xplorer. Authors should submit full paper with 8 pages, regular paper with 6 pages, and short paper with 4 pages in length by using online systems for review.

**Submission and Publications:** Every submitted paper will be carefully reviewed by at least two members of the International Program Committee. Visit to [http://www.ftrg.org/MPIS2009/paper\\_submission.htm](http://www.ftrg.org/MPIS2009/paper_submission.htm)

Distinguished selected papers accepted and presented in MPIS-2009, after further revisions, will be published in the Special Issue (confirmed) AT The Computer Journal <http://comjnl.oxfordjournals.org/> or [http://www.oxfordjournals.org/our\\_journals/computer\\_journal/special.html](http://www.oxfordjournals.org/our_journals/computer_journal/special.html) (indexed by SCI)

**Due Dates:** it is subject to change in accordance with the relevant conferences in CSA-09. See the newer date at <http://www.ftrg.org/MPIS2009/dates.htm>

Current:

Submission of Papers: July 20, 2009

Notification of acceptance: August 20, 2009

Submission of the camera ready: Sept. 10, 2009

Workshop Dates: Dec 10-12, 2009

We invite new and original submissions addressing theoretical and practical topics in information technology and intelligent computing fields including (but not limited to these topics):

### **Multimedia Signal Processing**

- Multimedia source coding and channel coding
- Multimedia signal analysis and visualization
- Multimedia signal mining and data fusion
- 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
- Enabling technologies and emerging standards for multimedia applications

### **Information Privacy and Security Applications**

- Data/image authentication issues and access control themes
- Watermarking: techniques, attacks, protocols, applications
- Steganography and steganalysis: techniques, protocols, applications
- Cryptography and cryptanalysis: techniques, protocols, applications
- Visual cryptography
- 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 imaging hiding & security
- VLSI/ASIC/FPGA/SOC design and implementation for information hiding & security
- Enabling technologies and emerging standards for information hiding & security

### **Intelligent Computing**

- Web-based intelligence monitoring and analysis
- Artificial neural networks for multimedia processing: models, learning paradigms, architectures, and implementations

- Fuzzy systems and evolutionary computing for intelligent multimedia processing
- Intelligence-related knowledge discovery
- Applications of digital library technologies in intelligence data processing, preservation, sharing, and analysis
- Agents and collaborative systems for intelligence sharing
- Information sharing policy and governance
- Intelligence-computerized community security and surveillance system

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