



Fifth International Conference on Intelligent Multimedia and Ambient Intelligence

Salt Lake City, Utah, USA, July 15-22, 2007

Call For Paper

In the last few years we have witnessed an explosive growth of multimedia computing, ambient intelligent (AmI), pervasive and ubiquitous computing. The few key technologies interact in an interesting and yet useful way, bringing profound impact and revolution. The revolution is transforming the way people live, work, and interact with each other, and is impacting the way business, government services, education, entertainment and health care are operating.

IMAI 2007 is the continuous of IMMCN (International Conference on Intelligent Multimedia Computing and Networking) series running since the beginning of this century. IMAI 2007 seeks the contribution of high quality papers addressing various aspects of multimedia and ambient intelligence, in particular the techniques that lead the merging of both intelligences, for presentation at the conference and publication in the JCIS (Joint Conference on Information Science) proceeding. The topics of interest include, but are not limited to:

• Multimedia and Ambient Intelligence

- AmI, Multimedia and Ubiquitous Learning Environments
- AmI, Multimedia and Arts (Visual Dance Space, Interactive Theatre, Digital Wearable Cinema, Installations)
- Wearable Computing and Multimedia for Business Transformation and Living
- Physical Browsing (Visual Codes, Visual Hyperlinks)
- Ambient Multimedia Database
- Wireless Ambient Multimedia

• Multimedia Computing

- Video/Audio/Image Content Analysis
- Multimodal Fusion and Analysis
- Machine Tagging and Semantic Annotation
- Multimedia Information Retrieval
- Multimedia Security, Watermark and Copy Detection
- Multimedia Networking, Compression, Representation
- Multimedia in Wireless Sensor Networks

• Ambient Intelligence

- Sensor Systems (Intelligent Systems, Ambient Care, Autonomous Systems, Visual Interaction)
- Edutainment and Entertainment Requiring Bodily Activity
- Audio-visual Processing of Human Bodily Activity
- Bodily Interaction Models and Interaction Planning
- Music and Sound Stimulating Bodily Interaction
- Intelligent Sensory Environments
- Human-Web Interaction (Adaptive Web Interfaces, Mobile Web Design)

System and Technology

- Emerging Technology (Grid, P2P, Pervasive, Embedded Computing)
- Aml Interfaces for Distributed Workgroups
- Augmented Reality, Mobile Devices and Multimedia
- Multimedia for Education and E-Learning
- Multimedia Distributed System
- Video On Demand

Important Date

March 20, 2007 Paper submission due

May 10, 2007 Acceptance notification

June 10, 2007 Camera-ready paper due

Submission Guideline

The paper should follow the JCIS 2007 (<http://www.jcis.org/jcis2007/>) paper submission guideline.

Special Issues

Seleted high quality papers will be published in Information Science journal.

Conference Co-Chair

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<http://www.jcis.org/jcis2007/>



<http://vireo.cs.cityu.edu.hk/imai07/>

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