



# IEEE International Symposium on Multimedia (ISM2007)

December 10-12, 2007  
Taichung, Taiwan, R.O.C.  
<http://ism2007.ncu.edu.tw/>

Sponsored by the IEEE Computer Society

#### General Co-Chairs

Dick Bulterman, The Netherlands  
Kinji Mori, Japan  
Jeffrey J.P. Tsai, USA

#### Program Co-Chairs

Homer Chen, Taiwan  
Shu-Ching Chen, USA  
Jianhua Ma, Japan  
Laurence T. Yang, Canada

#### Program Vice Co-Chairs

Giovanni Pau, USA  
Ishfaq Ahmad, USA  
Markus Kampmann, Germany  
Balakrishnan Prabhakaran, USA  
Jiro Katto, Japan  
Hui-Huang Hsu, Taiwan  
Qun Jin, Japan  
Clark N. Taylor, USA  
Masahito Hirakawa, Japan  
V.S. Subrahmanian, USA  
Linda Xie, USA  
Yan Zhang, Norway  
Jong Hyuk Park, Korea  
James B. D. Joshi, USA  
Xiangjian He, Australia  
Aljoscha Smolic, Germany  
Sabin Tabirca, Ireland  
Eckehard Steinbach, Germany  
K.P. (Suba) Subbalakshmi, USA  
Qian Zhang, P.R. China

#### Workshop Co-Chairs

Qing Li, P.R. China  
Mei-Ling Shyu, USA

#### Industrial Program Chair:

Jen-Yao Chung, USA

#### Best Paper Award Co-Chairs

Max Muhlhäuser, Germany  
Alexei Sourin, Singapore

#### Demo Co-Chairs

Chengcui Zhang, USA  
Mary Comer, USA

#### Panel Co-Chairs

Timothy K. Shih, Taiwan  
Pascal Frossard, Switzerland

#### Publicity Co-Chairs

Stephen Yang, Taiwan  
Alex Zhaoyu Liu, USA  
Shiwen Mao, USA  
Zhiwen Yu, Japan  
Daniel C Doolan, Ireland

#### Publications Co-Chairs

George Wang, USA  
Yan Liu, P.R. China

#### Financial Co-Chairs

Phillip C.Y. Sheu, USA  
Rong-Ming Chen, Taiwan

#### Web Co-Chairs

Shih-Nung Chen, Taiwan  
Addison Sue, Taiwan  
Tony Li Xu, Canada

#### Local Arrangements Chair

Anthony Y.H. Liao, Taiwan

#### Registration Chair

Han-Wen Hsiao, Taiwan

The IEEE International Symposium on Multimedia (ISM2007) is an international forum for researchers to exchange information regarding advances in the state of the art and practice of multimedia computing, as well as to identify the emerging research topics and define the future of multimedia computing. The technical program of ISM2007 will consist of invited talks, paper presentations, and panel discussions. Submissions of high quality papers describing mature results or on-going work are invited. Topics for submission include but are not limited to:

- Multimedia systems, architecture, and applications
- Multimedia networking and QoS
- Peer-to-peer multimedia systems and streaming
- Pervasive and interactive multimedia systems including mobile systems, pervasive gaming, and digital TV
- Multimedia meta-modeling techniques and operating systems
- Architecture specification languages
- Software development using multimedia techniques
- Multimedia signal processing including audio, video, image processing, and coding
- Multimedia tools including authoring, analyzing, editing, and browsing
- Visualization and Virtual Reality
- Multimedia and multimodal user interfaces and interaction models
- Multimedia file systems, databases, and retrieval
- Multimedia Collaboration
- Rich media enabled E-commerce
- Computational intelligence including neural networks, fuzzy logic, and genetic algorithms
- Intelligent agents for multimedia content creation, distribution, and analysis
- Internet telephony and hypermedia technologies and systems
- Multimedia security including digital watermark and encryption
- Mobile Multimedia Systems and Services

#### Submissions:

The written and spoken language of ISM2007 is English. Authors should submit an **8-page** technical paper manuscript in **double-column IEEE format** including authors' names and affiliations, and a short abstract electronically, following the submission guidelines available on the ISM2007 web page (<http://cse.stfx.ca/~ism07/>). Only electronic submission will be accepted. All papers should be in Adobe portable document format (PDF). The paper should have a cover page, which includes a 200-word abstract, a list of keywords, and author's phone number and e-mail address. The Conference Proceedings will be published by the IEEE Computer Society Press. A number of the papers presented at the conference will be selected for possible publications in journals.

ISM2007 will also include a few workshops and special tracks dedicated to focused interest areas. Submissions of proposals on workshops and special tracks of emerging areas are invited. Full length papers from Workshops and Focused Tracks will be presented at ISM2007, and included in the Proceedings. Please visit the conference website for detailed guidelines on submitting workshop and special track proposals.

Submissions of proposals on panels and demonstrations are also encouraged. A short demo article (up to 3 pages) and panel summary articles may also be included in the conference proceedings. Guidelines for submitting panel and demo proposals are available on the conference website.

#### Important Dates:

<b>April 1, 2007</b>	<b>Submission of workshop proposals due</b>
<b>April 20, 2007</b>	<b>Notification of acceptance of workshop proposals due</b>
<b>June 15, 2007</b>	<b>Submission of papers and proposals on panels &amp; special tracks due</b>
<b>June 20, 2007</b>	<b>Notification of acceptance of special track proposals due</b>
<b>August 1, 2007</b>	<b>Submission of demonstration proposals due</b>
<b>August 20, 2007</b>	<b>Notification of acceptance of papers due</b>
<b>September 21, 2007</b>	<b>Camera-Ready copy of accepted papers due</b>