Welcome to the 9th IEEE International Symposium on Multimedia (ISM2007). ISM2007 continues to be a major international event which provides a popular forum for researchers and practitioners 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 consists of invited talks, paper presentations, and panel discussions.

ISM2007 covers broad and diverse topics, which include:

- 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
- Multimedia networking and QoS
- Internet telephony and hypermedia technologies and systems
- Multimedia security including digital watermark and encryption
- Mobile Multimedia Systems and Services

To address the future R&D problems of multimedia systems, we have invited seven distinguished speakers: Dr. Benjamin Wah, from University of Illinois; Dr. Jay Kishigami, from NTT; Dr. Klara Nahrstedt, from University of Illinois; Dr. Ming-Syan Chen, from National Taiwan University; Dr. Chin-Chen Chang, from Feng-Chia University; Dr. Boris Verkhovsky, from New Jersey Institute of Technology; Dr. Max Muhlhauser, from Technical University of Darmstadt. We are greatly honored to have them present their experience and vision on the future trend multimedia software. Seven workshops, six special session papers, three industrial session papers and nine demo session papers are also offered to debate the most important issues facing the multimedia research community.

The success of an international conference such as this depends greatly on the involvement of many individuals. First of all, we would like to thank the Conference
Committee and Program Committee members, especially Program Co-chairs, Homer Chen, Shu-Ching Chen, Jianhua Ma, Laurence T. Yang and Program Vice-Chairs; Workshop Co-chairs, Qing Li, Mei-Ling Shyu; Industrial Program Co-chairs, Jen-Yao Chung, Shian-Shyong Tseng; Finance Co-Chairs, Phillip Sheu, Rong-Ming Chen; Local Arrangement Chair, Anthony Liao; Registration Chair, Han-Wen Hsiao; Demo Co-chairs, Chengcui Zhang, Mary Comer; Best Paper Award committee, Max Muhlhauser, Alexei Sourin; Special Track Co-Chairs, K. P. Subbalakshmi, Qian Zhang; Publicity Co-chairs, Stephen Yang, Alex Zhaoyu Liu, Shiwen Mao, Zhiwen Yu, Daniel C Doolan; Panel Co-chairs, Timothy K. Shih, Pascal Frossard; Publication Co-chairs, George Wang, Yan Liu; Web Co-chairs, Shih-Nung Chen, Addison Su, Tony Li Xu. We also would like to express our special thanks to Renee Chang who helps all the clerical work. Finally, we thank to the Advisory Committee who provided the invaluable help and guidance necessary to put this conference together.

We hope that you will have a great time at ISM2007.

Dick Bulterman
Kinji Mori
Jeffrey J. P. Tsai

General Co-chairs