

2011 Pacific-Rim Conference on Multimedia

14 – 16 Dec., Sydney, Australia



Pacific-Rim Conference on Multimedia (PCM) is a major annual international conference organized as a forum for the dissemination of state-of-the-art technological advances and research results in the fields of theoretical, experimental, and applied multimedia analysis and processing. The proceedings of the conference will be published in a book series of Lecture Notes in Computer Science by Springer, and available in the ISI Web of Knowledge.

PCM2010 is the 12th conference in this highly successful and increasingly influential series and will be held from 14rd to 16th December 2011 in Sydney Australia. The technical program will feature opening keynote addresses, invited plenary talks, tutorials, special sessions, and technical presentations of refereed papers.

Sydney is the biggest city and the gateway to Australia. It has seven universities in its city and satellite cities. It also has many research organizations. It has many famous tourist attractions. Its New Year's eve firework is one of the top events in the world. We arrange the conference in the middle of the month. After the conference, you can travel to other part of Australia. Before you exit Australia from Sydney, you can watch the New Year's Eve firework.

Topics

Conference topics include (but are not limited to):

Multimedia systems and applications: Including user interfaces, digital library, multi-modal interaction and integration, distributed collaboration, multimedia authoring, digital protection and restoration of rare cultural relic, multimedia in e-learning and education, multimedia hardware and VLSI, animation and entertainments, personal media, networked appliances, wearable computing, ubiquitous multimedia, entertainment computing, virtual environments, and multimedia processing for social media applications such as multimedia content-sharing, social networking, collaborating, blogging and gaming on the web.

Multimedia analysis and retrieval: Including multimedia semantic understanding, modeling and representation, multi-modality fusion and analysis, multimedia content description and indexing, content-based image/video/audio/music retrieval, large-scale cross-media indexing and retrieval.

Multimedia security rights and management: Including robust watermarking of multimedia, authentication of multimedia, informational-theoretical aspects of data hiding, steganography and steganalysis, forensic analysis of digital multimedia, watermarking quality evaluations and benchmarks, content management.

Multimedia compression and optimization: Image and video compression, including JPEG2000, MPEG-4/H.264/AVS, preprocessing, postprocessing, scalable video coding, IPTV, HDTV, transcoding, distributed video coding, multi-view coding, 3DTV, super resolution, demosaicking, denoising, deinterlacing, fast algorithms, speech and audio coding, MP3, AAC, AMR, perceptual masking, pre/post-processing, virtual surround, emerging techniques, etc.

Multimedia communication and networking: Including media streaming, mobile multimedia, multimedia content distribution, wireless multimedia, content-aware multimedia communications, peer-to-peer data streaming, Internet protocols, multimedia services, operating systems, middleware and QoS.

Important Dates

July 6, 2011:	Paper Submission
August 19, 2011:	Notification
August 26, 2011:	Camera-Ready Paper
October 28, 2011:	Registration Deadline
December 13-16, 2011:	Conference

Organizing Committee

■ General Chairs

Jesse Jin, University of Newcastle, Australia
Yong Rui, MSRA, Microsoft, USA
Xiaofang Zhou, University of Queensland, Australia

■ Program Chairs

Ernest Edmonds, University Technology, Sydney
Heng Tao Shen, University of Queensland, Australia
Changsheng Xu, China Academy of Sciences

■ Local Organizing Chairs

Massimo Piccardi, UTS
Sean He, UTS
Maolin Huang, UTS

■ Panel Chairs

Svetha Venkatesh, Curtin
Anthony Maeder, UWS
David Taubman, UNSW

■ Tutorial Chairs

Mohan Kankanhalli, NUS
Manzur Murshed, Monash
Phoebe Chen, Deakin

■ Special Session Chairs

Ishwar Sethi, Oakland
Tao Mei, MSRA, Microsoft
Richard Xu, CSU

■ Publicity Chairs

Edward Chang, Google
Sameer Singh, Loughborough
Mark Liao, ISAS
Shuqiang Jiang, CAS
Stephan Chalup, Newcastle

■ Publication Chairs

Suhuai Luo, Newcastle
David Tien, CSU

