

# 2010 Pacific-Rim Conference on Multimedia

September 21-24, 2010, Shanghai, China

## CALL FOR PAPERS

pcm2010.fudan.edu.cn

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. PCM2010 is the 11th conference in this highly successful and increasingly influential series and will be held from 21st to 24th September 2010 in the World Expo 2010 city Shanghai, China. The technical program will feature opening keynote addresses, invited plenary talks, tutorials, special sessions, and technical presentations of refereed papers. **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.**

Papers are solicited for, but not limited to, the following tracks:

**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.

**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.

### IMPORTANT DATES

March 31, 2010: Proposal for special sessions and tutorials

April 12, 2010: Paper submission

May 24, 2010: Notification

June 7, 2010: Camera-ready paper

June 14, 2010: Registration deadline

September 21-24, 2010: Conference

### Honorary Chairs

**Ruqian Lu**, Academician, Chinese Academic of Science and Fudan University, China

**Wan-Chi Siu**, Hong Kong Polytechnic University, Hong Kong

### General Chairs

**Xiang-Yang Xue**, Fudan University, China

**C C Jay Kuo**, University of Southern California, USA

**Michael S Lew**, Leiden University, The Netherlands

### Technical Programme Chairs

**Guoping Qiu**, University of Nottingham, United Kingdom

**Kenneth Lam**, Hong Kong Polytechnic University, Hong Kong

**Hitoshi Kiya**, Tokyo Metropolitan University, Japan

### Special Session Chairs

**Jiwu Huang**, Sun Yat-sen University, China

**Bo Li**, Beihang University, China

**Yueting Zhuang**, Zhejiang University, China

### Tutorial Chairs

**Jianping Fan**, University of North Carolina at Charlotte, USA

**Zhi-Hua Zhou**, Nanjing University, China

### Publicity/Web Co-Chairs

**Cheng Jin**, Fudan University, China

**Chang-Su Kim**, Korea University, South Korea

### Publication Chair

**Qi Zhang**, Fudan University, China

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**Anthony T S Ho**, University of Surrey, United Kingdom

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**Yun Q Shi**, New Jersey Institute of Technology, USA

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