



CALL FOR PAPERS

APSIPA ASC 2015 will be the seventh annual conference organized by the Asia-Pacific Signal and Information Processing Association (APSIPA). Founded in 2009, APSIPA aims to promote research and education in signal processing, information technology and communications. Annual conferences have previously been held in Japan (2009), Singapore (2010), China (2011), the USA (2012), Taiwan (2013), and Cambodia (2014). The field of interest of APSIPA concerns all aspects of signal and information including processing, recognition, classification, communications, networking, computing, system design, security, implementation, and technology with applications to scientific, engineering and social areas. **Accepted papers in regular sessions and special sessions will be published in APSIPA ASC 2015 proceedings which will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.**

The technical program includes the following tracks, but are not limited to:

1. Biomedical Signal Processing and Systems (BioSiPS)

Biomedical Signal and Information: Theory and Methods, Medical Information and Telecare Systems, Neural Systems and Applications, Bio-inspired Signal Processing and System, Biomedical Circuits and Systems.

2. Signal Processing Systems: Design and Implementation (SPS)

Nanoelectronics and Gigascale Systems, VLSI Systems and Applications, Embedded Systems, 3D Video Processing and Coding, High Efficiency Video Coding.

3. Image, Video and Multimedia (IVM)

Image/Video Processing, Coding and Analytics, Image/Video Storage, Retrieval and Authentication, Computer Vision and Graphics, Multimedia Systems and Applications.

4. Speech, Language and Audio (SLA)

Audio Processing, Speech Information Processing: Recognition, Synthesis, Understanding and Translation, Natural Language Processing: Language Modeling, Natural Language Generation/Understanding, Machine Translation.

5. Signal and Information Processing Theory and Methods (SIPTM)

Modern Signal Processing Theory and Method, Detection and Parameter Estimation, Array Processing and Multi-channels, Signal and Information Processing in Applications.

6. Wireless Communications and Networking (WCN)

Information and Network Security, Wireless Communications and Networking, Standards and Emerging Technology, RF and Antennas.

PAPER SUBMISSION

Prospective authors are invited to submit either full papers, up to 10 pages in length, or short papers up to 4 pages in length, where full papers will be for the single-track oral presentation and short papers will be mostly for poster presentation.

IMPORTANT DATES

Submission of Proposals for Special Session,

Forum, Panel & Tutorial Sessions:

May 8, 2015

Submission of Full and Short Papers:

June 8, 2015

Submission of Papers in Special Sessions:

July 8, 2015

Notification of Papers Acceptance:

September 1, 2015

Submission of Camera-Ready Papers:

October 1, 2015

Author Registration Deadline:

October 1, 2015

Tutorial Session Date:

December 16, 2015

Summit and Conference Dates:

December 17-19, 2015



Organizer/Sponsor: The Hong Kong Polytechnic University

Sponsor: Asia-Pacific Signal and Information Association (APSIPA)

Technical Co-Sponsor: IEEE Signal processing Society

IEEE Hong Kong Chapter of Signal Processing

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