

# APSIPA ASC 2013

October 29 ~ November 1, 2013

Kaohsiung, Taiwan



## Call for Papers

Welcome to the APSIPA Annual Summit and Conference 2013 located in the Kaohsiung. It is the second largest city in Taiwan. The city's tourist attractions are located close to the harbor area. Just north of the harbor, Shoushan, or Monkey Mountain, has hiking trails that provide beautiful views of the city, and National Sun Yat-sen University is also inside the area. Kaohsiung always allows people to feel cozy and relaxed while bringing endless pleasant surprises at the same time. Kaohsiung residents, who are zealous and hospitable, like to keep their houses neat and tidy in order to warmly entertain their friends. When you enter Kaohsiung from the airport, station, highway, or harbor, you can always feel excited. What a sparkling city! Numerous modernized tall buildings, straight and clean roadways, and a green atmosphere seem to open a gate of grandeur and welcome visitors from everywhere.

APSIPA ASC 2013 will be the fifth annual conference organized by Asia-Pacific Signal and Information Processing Association (APSIPA). Founded in 2009, APSIPA aims to promote research and education on signal processing, information technology and communications. The annual conference was previously held in Japan (2009), Singapore (2010), China (2011), and USA (2012). The field of interest of APSIPA concerns all aspects of signals 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 in special sessions will be published in APSIPA ASC 2013 proceedings which will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.**

The regular technical program tracks and topics of interest include (but not limited to):

1. **Biomedical Signal Processing and Systems (BioSiPS)**
  - 1.1 Biomedical Signal and Information: Theory and Methods
  - 1.2 Medical Information and Telecare Systems
  - 1.3 Neural Systems and Applications
  - 1.4 Bio-inspired Signal Processing and System
  - 1.5 Biomedical Circuits and Systems
2. **Signal Processing Systems: Design and Implementation (SPS)**
  - 2.1 Nanoelectronics and Gigascale systems
  - 2.2 VLSI systems and Applications
  - 2.3 Embedded Systems
  - 2.4 3D Video Processing and Coding
  - 2.5 High Efficiency Video Coding
3. **Image, Video, and Multimedia (IVM)**
  - 3.1 Image/Video Processing, Coding and Analysis
  - 3.2 Image/Video Storage, Retrieval and Authentication
  - 3.3 Computer Vision and Graphics
  - 3.4 Multimedia Systems and Applications
4. **Speech, Language, and Audio (SLA)**
  - 4.1 Audio Processing
  - 4.2 Speech Information Processing: Recognition, Synthesis, Understanding, and Translation
  - 4.3 Natural Language Processing: Language Modeling, Natural Language Generation/Understanding, Machine Translation
5. **Signal and Information Processing Theory and Methods (SIPTM)**
  - 5.1 Modern Signal Processing Theory and Method
  - 5.2 Detection and Parameter Estimation
  - 5.3 Array Processing and Multi-channels
  - 5.4 Signal and Information Processing in Applications
6. **Wireless Communications and Networking (WCN)**
  - 6.1 Information and Network Security
  - 6.2 Wireless Communications and Networking
  - 6.3 Standards and Emerging Technology
  - 6.4 RF and Antennas

## Submission of Papers

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 Sessions, Forum, Panel & Tutorial Sessions	Apr. 10, 2013
Submission of Full and Short Papers	May 10, 2013
Submission of Papers in Special Sessions	June 10, 2013
Notification of Papers Acceptance	July 30, 2013
Submission of Camera Ready Papers	Aug. 30, 2013
Author Registration Deadline	Aug. 30, 2013
Tutorial Session Date	Oct. 29, 2013
Summit and Conference Dates	Oct. 30 - Nov. 1, 2013

## Organizer

National Sun Yat-sen University

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