

APSIPA Signal and Information Processing Theory and Methods TC Meeting

Date: Dec. 4, 2012

Attendees: Kazunori Hayashi, Kazushi Ikeda, Tony Kuh, Tokunbo Ofunfunmi, Youngchul Sung, Toshihisa Tanaka

Agenda

1. Confirmation of the previous meeting minutes
2. Submission statistics, APSIPA ASC 2012
 - A. Special session: 184
 - B. BioSPS: 10
 - C. IVM 54
 - D. SIPTM: 11
 - E. SPS: 5
 - F. SLA: 86
 - G. WCN: 8
 - ⇒ Submissions to general sessions are too few. Please advertise and promote submissions.
 - ⇒ Indicate which sessions are special sessions.
 - ⇒ Make the final program available earlier and post it on web.
3. APSIPA Transactions
 - A. Open access with Cambridge University Press
 - B. EiC: Antonio Ortega
 - C. Advertise and promote submissions
 - ⇒ Steps to SCI registration are required.

4. APSIPA Distinguished Lecturer Program

Distinguished Lecturer Program >> [More details Information](#)

Distinguished Lecturers for 2012-2013:

[Abeer Alwan, UCLA, USA](#)

- Lecture 1: Dealing with Noisy and Limited Data: A Hybrid Approach
- Lecture 2: Models of Speech Production and Perception and Applications in Speech and Audio Coding, TTS, and Hearing Aids
- Lecture 3: Production, Analysis, and Perception of Voice Quality

[Mrityunjoy Chakraborty, Indian Institute of Technology, India](#)

- Lecture 1: A SPT Treatment to the Realization of the Sign-LMS Based Adaptive Filters
- Lecture 2: Adaptive Identification of Sparse Systems - a Convex Combination Approach
- Lecture 3: A Low Complexity Realization of the Sign-LMS Algorithm using a Constrained, Minimally Redundant, Radix-4 Arithmetic
- Lecture 4: New Algorithms for Multiplication and Addition of CSD and 2's Complement Numbers
- Lecture 5: Compressed Sensing and Sparse System Identification
- Lecture 6: Adaptive Estimation of Delay and Amplitude of Sinusoidal Signals
- Lecture 7: APSIPA and its mission and vision

[Jen-Tzung Chien, National Cheng Kung University, Taiwan](#)

- Lecture 1: Machine Learning for Speech and Language Processing
- Lecture 2: Independent Component Analysis and Unsupervised Learning

[Li Deng, Microsoft Research, USA](#)

- Lecture 1: Being Deep and Being Dynamic - New-Generation Models and Methodology for Advancing Speech Technology
- Lecture 2: Feature-Domain, Model-Domain, and Hybrid Approaches to Noise-Robust Speech Recognition
- Lecture 3: Machine Learning Paradigms for speech recognition

[Hsueh-Ming Hang, National Chiao-Tung University, Taiwan](#)

- Lecture 1: Technology and Trends in Multi-camera Virtual-view Systems
- Lecture 2: What's Next on Video Coding Technologies and Standards?

[Kyoung Mu Lee, Seoul National University, Korea](#)

- Lecture 1: Statistical Sampling Approaches for Visual Tracking
- Lecture 2: Graph matching via Random Walks

[Weisi Lin, Nanyang Technological University, Singapore](#)

- Lecture 1: Recent Development in Perceptual Visual Quality Evaluation
- Lecture 2: Human-vision Friendly Processing for Images and Graphics

[Helen Meng, The Chinese University of Hong Kong, Hong Kong SAR, China](#)

- Lecture 1: Development of Automatic Speech Recognition and Synthesis Technologies to Support Chinese Learners of English - the CUHK Experience
- Lecture 2: Multimodal Processing in Speech-based Interactions
- Lecture 3: Modeling the Expressivity of Textual Semantics for Text-to-Audiovisual Speech Synthesis in

Avatar Animation

[Xiaokang Yang, Shanghai Jiao Tong University, China](#)

- Lecture 1: Visual quality assessment incorporating the knowledge from physiology, psychophysics and neuroscience
- Lecture 2: Smart video surveillance system in the context of Internet-of-Things

[Thomas Fang Zheng, Tsinghua University, China](#)

- Lecture 1: Speaker Recognition Systems: Paradigms and Challenges
- Lecture 2: A domain-specific language understanding framework with its application in intelligent search engine

5. TC Webpage Management

- A. The TC Web Server is at the Hong Kong office. Volunteers to update the TC webpage are required.

6. APSIPA ASC 2013 will be held in Kaohsiung Taiwan.

7. Recruitment of new TC members

- A. Kazushi Ikeda and Kajunori Hayashi newly attended the TC meeting.
- B. Need more active and visible researchers in the TC.

8. New TC chair:

- A. Depending on the term of the TC chair, need to elect new chair.
- B. Opinion solicited on vice chair position.