

SIDAS 2017

2017.9.16

Program

| Time | Activity | Speaker | Topic | File |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------|------|
| Morning | Theme-1: At the Crossroad of Machine Learning and Signal Processing | | | |
| 09:00-09:15 | Opening and Brief Introduction | | | |
| 09:15-10:10 | Industry Keynote | Jonathan Huang, Google | Object Detection at Google | ppt |
| 10:10-10:45 | Invited Talk 1 | Wujun Li, Nanjing University | Parallel and Distributed Stochastic Learning | ppt |
| 10:45-11:00 | Tea Break | | | |
| 11:00-11:55 | Keynote Talk 1 | Haizhou Li, National University of Singapore | Voice Conversion and Spoofing Countermeasure in Speaker Verification | ppt |
| 11:55-12:30 | Invited Talk 2 | Mingming Cheng, Nankai University | Weakly Supervised Image Understanding | ppt |
| | Free Lunch and Poster Highlights (recent work published in major conf and journal)[Detailed Information for Posters] | | | |
| Afternoon | Theme-2: Signal Processing in the Big Data Era | | | |
| 14:00-14:55 | Keynote Talk 2 | T.C. Yang, Zhejiang University | Data-based source localization for a moving source: Theory and experimental results | |
| 14:55-15:30 | Invited Talk 3 | Jane Wang, University of British Columbia, Canada | Joint Blind Source Separation (JBSS) for Multiset, Multimodal Data Analysis | ppt |
| 15:30-15:45 | Tea Break | | | |
| 15:45-16:40 | Keynote Talk 3 | Antonio Ortega, University of Southern California | An Overview on Graphs Signal Processing(GSP) | ppt |
| 16:40-17:40 | Panel Discussion: Meet Technical Leaders -- Trends in SP and Beyond | | | |
| End of the Forum | | | | |

Website

- <http://bigeye.au.tsinghua.edu.cn/sidas2017>

SIDAS 2017
AN IEEE SPS Forum

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Program

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Welcome



Industry Keynote



Invited Talk 1



Keynote Talk 1



Invited Talk 2



Poster



Poster



Keynote Talk 2



Invited Talk 3

The image shows a woman in a light pink jacket and glasses standing at a podium, presenting. Behind her is a large projection screen displaying a slide titled "Motor Interactivity".

The slide content includes:

- Top left: "Generation of motor command investigated EEG-based connectivity → but may not be task-related"
- Top center: "cortico" (brain) with a blue arrow pointing to a blue box labeled "EEG"
- Top right: "- muscular" (muscle) with an orange arrow pointing to an orange box labeled "EMG", and a further orange arrow pointing to "Execution motor ta"
- Center: A green box labeled "EEG - EMG Fusion" with blue and orange arrows pointing to it from the "EEG" and "EMG" boxes respectively.
- Bottom: Text stating "Identify source components from scalp (EEG signals) that are maximally correlated to muscle activity (EMG signals)"

Keynote Talk 3



Panel

