IEEE SAM 2020

Hangzhou, China

June 8-11, 2020

HANGZHOU
杭州

IEEE Signal Processing Society™

THE ELEVENTH IEEE SENSOR ARRAY AND MULTICHANNEL SIGNAL PROCESSING WORKSHOP

IEEE SAM 2020

http://www.sam2020.cn/

June 8 - 11, 2020 , Hangzhou, China

Call for Papers

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Important Dates

Paper Submission Deadline
~~**December 15th, 2019**~~
January 12th, 2020 (Firm Deadline)

Notification of Acceptance
March 15th, 2020

Final Manuscript Submission
March 31th, 2020

Advance Registration Deadline
April 15th, 2020

Technical Program

The SAM Workshop is an important IEEE Signal Processing Society event dedicated to sensor array and multichannel signal processing. The organizing committee invites the international community to contribute with state-of-the-art developments in the field. SAM 2020 will feature plenary talks by leading researchers in the field as well as poster and oral sessions with presentations by the participants.

Welcome to Hangzhou!

Hangzhou, the capital of China's Zhejiang province, is one of the most famous scenic and tourist cities in China. Located at the southern tip of the Grand Canal of China, it is one of the seven ancient capitals of China. The beautiful West Lake lies peacefully at the heart of the city, soothing the senses of people here. Welcome to Hangzhou where you can immerse yourself in the cultural heritage dating back 5000 years by relaxing with a cup of exquisite West Lake Longjing Tea.

Research Areas

Authors are invited to submit contributions in the following areas:

- Adaptive beamforming
- Array processing for biomedical applications
- Array processing for communications
- Array processing for radio astronomy
- Array processing for seismic monitoring
- Artificial intelligence in array processing
- Blind source separation and channel identification
- Computational and optimization techniques
- Compressive sensing and sparsity-based signal processing
- Detection and estimation
- Direction-of-arrival estimation
- Distributed and adaptive signal processing
- Intelligent systems and knowledge-based signal processing
- Microphone and loudspeaker array applications
- MIMO radar
- Multi-antenna systems: multiuser MIMO, massive MIMO and space-time coding
- Multi-channel imaging and hyperspectral processing
- Multi-sensor processing for smart grid and energy
- Non-Gaussian, nonlinear, and non-stationary models
- Performance evaluations with experimental data
- Radar and sonar array processing
- Sensor networks
- Signal processing for The Internet of Things
- Source localization, classification and tracking
- Synthetic aperture techniques
- Space-time adaptive processing
- Statistical modelling for sensor arrays
- Tensor signal processing
- Waveform diverse sensors and systems

Submission of Papers – Full-length papers with 4 pages of content and 1 extra page only for references should be electronically submitted.

Submission of special session and tutorial proposals – details can be found at the workshop website.