The Ninth IEEE Sensor Array and Multichannel Signal Processing Workshop

10th-13th July 2016,Rio de Janeiro, Brazil

IEEE Signal Processing Society

Call for Papers

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Important Dates

Special Session Proposals
29thJanuary , 2016

Submission of Papers
26thFebruary, 2016

Notification of Acceptance
29thApril , 2016

Final Manuscript Submission
16th May, 2016

Advance Registration
16th May, 2016

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 2016 will feature plenary talks by leading researchers in the field as well as poster and oral sessions with presentations by the participants.

Welcome to Rio de Janeiro! – The workshop will be held at the Pontifical Catholic University of Rio de Janeiro, located in Gávea, in a superb area surrounded by beaches, mountains and the Tijuca National Forest, the world's largest urban forest. Rio de Janeiro is a world renowned city for its culture, beautiful landscapes, numerous tourist attractions and international cuisine. The workshop will take place during the first half of July about a month before the 2016 Summer Olympic Games when Rio will offer plenty of cultural activities and festivities, which will make SAM 2016 a memorable experience.

Research Areas
Authors are invited to submit contributions in the following areas:
- Adaptive beamforming
- Array processing for biomedical applications
- Array processing for communications
- 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
- Intelligentsystems and knowledge-based signal processing
- Microphone and loudspeaker array applications
- MIMO radar
- Multi-antenna systems: multiuser MMO, 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
- Source Localization, Classification and Tracking
- Synthetic aperture techniques
- Space-time adaptive processing
- Statistical modelling for sensor arrays
- Waveform diverse sensors and systems

Submission of papers – Full-length four-page papers will be accepted only electronically.

Special session proposals – They should be submitted by e-mail to the Technical Program Chairs and the Special Sessions Chair and include a topical title, rationale, session outline, contact information, and list of invited speakers.