



SAM 2010 – The 6th IEEE Sensor Array and Multichannel Signal Processing Workshop

October 4th-7th, 2010, Israel

Call for Papers

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TECHNICAL PROGRAM:

The SAM Workshop is a major IEEE event devoted to sensor array and multichannel signal processing. The organizing committee invites the international community to present and discuss state-of-the-art developments in the field. SAM 2010 will feature plenary talks by leading researchers in the field as well as poster sessions, and a number of special sessions organized by internationally recognized experts. The workshop will take place in Kibutz Ma'ale Hahamisha, located between Tel-Aviv and Jerusalem.

PAPER SUBMISSION:

Authors are invited to submit contributions in the following areas:

- Adaptive beamforming
- Detection and estimation
- Direction-of-arrival estimation
- Space-time adaptive processing
- Radar and sonar array processing
- Array processing for communications
- Array processing for biomedical applications
- Microphone and loudspeaker array applications
- Synthetic aperture techniques
- Waveform diverse sensors and systems
- Multichannel imaging
- Performance evaluations with experimental data
- Statistical modeling for sensor arrays
- Blind source separation and channel identification
- MIMO systems and space-time coding
- Sensor networks
- Non-Gaussian, nonlinear, and non-stationary models
- Intelligent systems and knowledge-based signal processing
- Computational and optimization techniques for array processing
- Compressive sensing

Prospective authors are invited to submit full-length, four-page papers. The papers will be handled and reviewed electronically through the workshop website at <http://www.sam-2010.org/>. Comprehensive guidelines for paper preparation and submission can be found at the workshop website.

Special session proposals should be submitted by e-mail to the Technical Program Chairs and should include a topical title, rationale, session outline, contact information, and a list of invited speakers. Special session authors are referred to the SAM2010 website for additional information regarding submissions.

Important deadlines	
Submission of proposals for special sessions	January 25, 2010
Notification of special sessions	February 5, 2010
Submission of papers	April 2, 2010
Notification of acceptance	June 4, 2010
Final manuscript submission	August 6, 2010
Authors and advance registration	August 6, 2010