Researchers from academia, industry, and the government will meet on 5–6 June 2007 to discuss the latest advances in adaptive signal processing applied to military and commercial sensor systems. The technical committee seeks presentations in the areas of new adaptive algorithms for single- or multichannel processing, technical challenges to algorithms posed by new system concepts, nontraditional applications of adaptive algorithms, performance analysis, target tracking and distributed sensing methods, and experimental results. Especially encouraged are presentations in which algorithms are demonstrated and evaluated with field data. The workshop will consist of both UNCLASSIFIED and CLASSIFIED sessions covering the following topics:

- Adaptive Detection and Estimation
- Adaptive Methods with Experimental Data
- Channel Estimation and Equalization
- Communications/MIMO
- Distributed Sensing Methods
- Geolocation
- Global Positioning Systems
- Multichannel Imaging
- Radar
- Robust Adaptive Beamforming
- Sensor Integration
- Sonar
- Space-Time Adaptive Processing
- Synthetic Aperture Radar and Sonar
- Target Tracking

Workshop attendance is contingent upon advance registration. Participation in the classified session is open only to U.S. citizens who have forwarded their clearance information prior to the workshop.

All authors are requested to submit unclassified abstracts of no more than 300 words, along with a cover sheet outlining the technical contributions. All submissions will be competitively reviewed and judged on their technical quality, novelty, and relevance to the technical program. The workshop will be divided into 25-minute oral presentations and poster presentations accompanied by oral précis. In addition, presenters are encouraged to provide a six-page summary to be included in the workshop proceedings. All presenters whose presentations are in the public domain will have an opportunity to make their papers and presentations available on the ASAP 2007 web page.

For further details about the workshop, including paper submission procedures, please contact: Holly E. Fawcett
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Important Dates:
Abstract submission deadline: 26 January 2007
Notification of acceptances: 28 February 2007