



# Homeland Security

## ***HSARPA Automated Scene Understanding Bidders Conference***

The **Homeland Security Advanced Research Projects Agency (HSARPA)** is sponsoring a Bidders Conference to discuss Broad Agency Announcement (BAA) 04-05: Automated Scene Understanding. The BAA will be available on April 9th or shortly thereafter on [www.fedbizopps.gov](http://www.fedbizopps.gov) and [www.hsarpabaa.com](http://www.hsarpabaa.com). BAA 04-05 will address two main areas:

- **Sensor-based scene understanding technology** – This topic emphasizes developing an overall software architecture, components and algorithms for sensor-based automated scene understanding. The primary objective is to significantly enhance sensor-based systems to recognize and correlate indications of unusual, criminal or terrorist activities and to alert operators to scene changes. This technology effort will advance the performance and state of the art in the use of CCTV, video, and other sensor-based systems in a wide variety of homeland security applications. Areas of application include critical infrastructure protection and maritime domain awareness, among others. Funding will be approximately \$3M for FY04.
- **Port and harbor security testbed** – This topic will use available technology to provide scene understanding and sensor fusion capability for the Coast Guard's Port and Coastal Surveillance Testbed (Project HAWKEYE) in South Florida. HAWKEYE receives data input from coastal radars, visual / IR cameras, and vessel reporting systems (automated identification systems and blue force tracking) to develop a local common operating picture. This is a rapid prototype that is intended to apply existing technology solutions while having an open architecture that allows follow-on insertions from the technology development program. Funding will be approximately \$2M for FY04.

**Hosts:** Peter Miller ([peter.miller@dhs.gov](mailto:peter.miller@dhs.gov)) & Kirk Evans ([kirk.evans@dhs.gov](mailto:kirk.evans@dhs.gov))

**When:** April 26, 2004  
8:00 a.m. to 5:00 p.m. (7:00 a.m. Registration opens)

**Fee:** \$120.00

**Where:** Marriott Wardman Park Hotel  
2660 Woodley Road, NW, Washington, DC 20008  
Phone: 202-328-2000  
<http://www.wardmanpark.com>

Register On-Line at <https://www.enstg.com/signup/passthru.cfm?RT123=DHS42654>

### **For additional information:**

**Administrative Contact:**

Donna Blanger, CMP  
Phone 703-465-5717  
Fax 703-525-3754  
[blanger\\_donna@bah.com](mailto:blanger_donna@bah.com)



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