



## 2004 IEEE OES Homeland Security Technology Workshop Ocean and Maritime Technologies for Infrastructure Protection Call For Abstracts & PowerPoint Presentations

**Location:** Valley Forge Convention Center at the Radisson, 1160 First Ave., King of Prussia, PA 19406 (Valley Forge)  
**Date:** December 6, 2004 (Monday Evening Reception)  
December 7 and 8, 2004 (Tues and Wed Program; Tues Evening Reception and Dinner)

**Pam Hurst, Chair, Bob Bannon, Co-Chair, Jim Barbera, Treasurer**

### Technical Program:

The IEEE Oceanic Engineering Society (IEEE-OES) Homeland Security Technology Workshop, co-sponsored by the NAVSEA Warfare Center- Newport, provides an unprecedented opportunity to network with engineers, scientists, legal experts, and local, state, and federal government personnel who all share Homeland Security challenges. The Technical Program Committee is accepting abstracts for engineering and scientific PowerPoint Presentations on Homeland Security Underwater and Maritime Infrastructure Protection, including biological and eco-system impact, and Port and Harbor Security.

**Online Registration**      <http://www.oceanicengineering.org> (click on "Conferences & Workshops")

**Early Bird Registration**      \$395 for IEEE members  
(by November 3, 2004)      \$495 for all others

**Registration**      \$450 for IEEE members  
\$550 for all others  
*Attendance limited to the first 500 Registrants*

**Corporate Tables in Hall for Product Info Display: \$750 per table**

**Points of Contact:**      **Pam Hurst,**      401-481-3828,      e-mail: [pjhurst@ieee.org](mailto:pjhurst@ieee.org)  
   **Siobhan Kern,**      401-832-1253      e-mail: [KernSH@nptnuc.navy.mil](mailto:KernSH@nptnuc.navy.mil)

**Abstract Deadline:**      **September 22, 2004**

**Abstract Format:**      Author(s) Name, Affiliation, Title, Address, Phone Number, and e-mail  
   Abstract Topic, 100 Words submitted in MS Word format

**Abstract Acceptance Date:**      **October 8, 2004** - Presenters must pay registration within 10 days of acceptance

**Electronic e-mail Abstract Submission ONLY to:**      e-mail: [ieee\\_oes\\_hls\\_workshop@oceanicengineering.org](mailto:ieee_oes_hls_workshop@oceanicengineering.org)

**Presentation Format:**      **Twenty minute Power Point Slides, followed by 5 minute Q & A**

**Last year over 80 technical speakers presented with outstanding attendee comments on quality and topics.**

**Questions on submittals:**      **Glen Williams, Ph.D., P.E.**  
   **Computer Science Department**  
   **Texas A&M University**  
   **College Station, Texas 77843**  
   e-mail: [g-williams@tamu.edu](mailto:g-williams@tamu.edu)

# IEEE OES Homeland Security Technology Workshop

## Topics:

*The technical program offers two days of multi-track PowerPoint presentations or papers covering topics below.*

- **Sensors and Vehicle Technology for Protecting our Ports, Waterways, and Coastlines**
  - Unmanned Maritime Vehicles (UMVs)
  - Sensor and Detection Technology
  - Radar and Sonar Technologies
  - Maritime Security Watercraft and Vehicles
  - UCAV applications for Maritime and Ports
  - Port and Harbor and Coastline Security
  
- **Preempting and Disrupting Terrorist Threat**
  - Anti-terrorism Issues and Technologies
  
- **Maritime Domain Awareness**
  
- **Biometric and Screening – including Personnel and Containers**
  - Personnel ID and Protection Technologies
  - Wireless Role in the Maritime Security Environment
  
- **Technologies for Countering Chemical, Bio-terrorist, Terrorist Attacks on Ocean Industries**
  - Chemical Sensor Systems
  - Bio-terrorism Risk Assessment and Containment
  - Toxic Sensors
  - Explosive Detection
  - Mine countermeasures
  - IR Sensors
  - Swimmer Detection, Engagement, and Neutralization
  - Ocean and Harbor Forensics Surveillance Technologies
  - USCG Harbor and Port Patrol
  - Harbor Master and Port Agents Security Roles
  
- **HLS First Responders**
  - Emergency Planning and Response
  - Homeland Security –HSARPA Role
  - Crisis Center Development
  - Communications Standardization
  - Recovery – Business Continuity
  
- **Beyond Homeland Defense and Homeland Security – Over the Horizon**

**Keynote Speaker: Honorable Curt Weldon, U. S. Congress – Pennsylvania-7<sup>th</sup> District**

Other speakers and dignitaries to be announced with acceptance

**Points of Contact:** Pam Hurst, 401-481-3828, e-mail: [pjhurst@ieee.org](mailto:pjhurst@ieee.org)  
Siobhan Kern, 401-832-1253 e-mail: [KernSH@nptnuwc.navy.mil](mailto:KernSH@nptnuwc.navy.mil)