



2008 IEEE International Conference on Technologies for Homeland Security

(With Technical Assistance from the Department of Homeland Security, Science & Technology Directorate)

May 12 - 13, 2008

Westin Hotel, Waltham, MA

Call for Papers

www.ieeehomelandsecurityconference.org



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About the Conference

With technical assistance from the Department of Homeland Security's Science & Technology Directorate, the eighth annual IEEE Conference on Technologies for Homeland Security HST'08, will focus on novel and innovative technologies, which address the most pressing national security problems.

The conference will bring together innovators from leading universities, research laboratories, Homeland Security Centers of Excellence, small businesses, system integrators and the end user community and provide a forum to discuss ideas, concepts and experimental results.

Call for Papers

The Conference is seeking technical papers in the following matrix of tracks and technical sessions (see below). Technical papers submitted should focus on near and next generation technologies capable of deployment within 5 years. The technical paper focus should be on applied research, addressing hard problems where breakthroughs are needed.

New this year: A structured session on Detecting and Protecting Against Terrorist Surveillance; four parallel tracks with non-overlapping technical sessions.

The First IEEE Workshop on Design Methodology for Global Security -- with significant transatlantic content -- will immediately follow HST'08 on Wednesday, May 14, 2008.

Featured Speaker:



Homeland Security

Robert Hooks, Director of Transition,
Department of Homeland Security,
Science & Technology Directorate

The Overall Program Includes:

- Welcome Reception
- 2 day Technical Conference including:
 - Wednesday Morning Plenary Keynote Session featuring government representatives and major private sector infrastructure operators
 - Invited Track Theme Papers
 - Parallel Sessions • Technology Exhibits
 - Poster Session • Networking Opportunities
 - Business Panel – How to Do Business with DHS S&T and how to obtain seed funding to bring research to reality

Call for Sponsors and Exhibitors

The conference is seeking companies for sponsorship and exhibit opportunities. In addition, the conference will offer a limited number of supporting organization sponsorships to non profit, industry and other affiliate organizations who can make a significant contribution to the promotion of this conference. Please contact: Fausto Molinet at Matrix Internationale 603- 894-4139, or sponsorship@ieeehomelandsecurityconference.org.

CBRNE* focus on Transportation

- Radiological /Nuclear Explosives
- IEDs
- Transportation Systems Protection
- Chem / Bio Detection Systems
- Anomaly Detection

*chemical, biological, radiological, nuclear and explosive

Software and CyberSecurity

- Attack Resistant Secure Software Development, Testing, Verification and Validation
- Software Security Awareness and Training
- Software Security Issues for Legacy Systems
- Network Security focus on Supervisory Control & Data Acquisition (SCADA)

Infrastructure and Surveillance

- Physical Infrastructure Protection
- Physical Access Control and Credentialing
- "Virtual Border" protection systems and Detecting and Protecting Against Terrorist Surveillance

Risk Assessment, Incident Response, Information Sharing, Integrated Risk Assessment

- Integrated Risk Assessment
- Incident Response Information Sharing + Interoperability
- Modeling, Simulation Tools and Methodologies
- First Responders focus on Communications Interoperability

Abstract Submission Procedure

2 page, MS Word with maximum 500 words + author(s) title, name, address, phone, fax, email and organization affiliation must be submitted.

On a separate page, principal presenting author biography {max 100 words}.

Please specify your preferred session (see matrix above)

Submissions will be acknowledged via email.

Email to, abstractsubmit@ieeehomelandsecurityconference.org

Abstract Deadline: (Extended) December 1, 2007

Speaker Notification: January 10, 2008

Final Paper Deadline: March 1, 2008

Publishing Information

All papers and posters will be published on the conference CD-ROM and distributed to conference attendees.

Selected full technical papers that meet the publishing requirements will be published in IEEE Xplore as part of the IEEE Conference Publication Program.

For more information on the IEEE Conference on Technologies for Homeland Security, please refer to website: www.ieeehomelandsecurityconference.org

Or contact: Bob Alongi at Phone: (781) 245-5405 or

Email: information@ieeehomelandsecurityconference.org