



DHS S&T Cyber Security Division (CSD)

Active Internet Measurements (AIMS) 2015 Conference



**Homeland
Security**

Science and Technology

B. Ann Cox, PhD.

Program Manager

Cyber Security Division (CSD) HSARPA

Science and Technology (S&T) Directorate

CSD's Going to RSA!

The Department of Homeland Security (DHS), Science and Technology Directorate (S&T) Cyber Security Division (CSD) develops innovative solutions to meet a broad array of cybersecurity challenges by leading and coordinating cybersecurity R&D across the U.S. Government, international partners, academia and the private sector. Stop by booth 202 to learn about our work and to see technology demonstrations. CSD will feature government funded mature technologies ready for transition into the marketplace.

WHERE

CSD Booth #202
South Expo Hall

Moscone Center

747 Howard St
San Francisco, CA 94103

REGISTER

Registration Website:

www.rsaconference.com

Complimentary Expo Hall Pass:

X5EDHSTCH



**Homeland
Security**

Science and Technology

WHEN

April 20 – 24, 2015

Exhibit Hours

Monday, April 20 5:00–7:00 pm

Tuesday, April 21 11:00–6:00 pm

Wednesday, April 22 11:00–6:00 pm

Thursday, April 23 11:00–3:00 pm



Website

www.dhs.gov/cyber-research



Email

SandT-Cyber-Liaison@HQ.DHS.GOV



Twitter

[#RSAC](https://twitter.com/dhsscitech)

National Conversation

- S&T has launched the ***National Conversation on Homeland Security Technology***, a series of online and in-person discussions that has people talking about how to innovate solutions for the Nation's homeland security challenges. Our mission is to foster exchange between operational users and innovators to generate sustainable solutions that will help keep our communities and those who protect them safe and resilient.
- Please help spread the word. Cyber Security National conversation opens from **May 18 until August 14, 2015**



**Homeland
Security**

Science and Technology

The Future at DHS S&T



S&T'S **VISIONARY** GOALS

- **Screening at Speed: Security that Matches the Pace of Life**
- **A Trusted Cyber Future: Protecting Privacy, Commerce and Community**
 - In a future of increasing cyber connections, underlying digital infrastructure will be self-detecting, self-protecting and self-healing. Users will trust that information is protected, illegal use is deterred, and privacy is not compromised. Security will operate seamlessly in the background.
- **Enable the Decision Maker: Actionable Information at the Speed of Thought**
- **Responder of the Future: Protected, Connected, and Fully Aware**
- **Resilient Communities: Disaster-Proofing Society**



**Homeland
Security**

Science and Technology

How and When to Participate

- CSD Subject Area: [A Trusted Cyber Future](#) runs from May 18 – August 14, 2015
- Each dialogue will run for a duration of 13 weeks.
- Participate:
 - Online—log into the S&T Collaboration Community; active 24-7.
 - In-person—attend the National Conversation's roundtables, townhall meetings, and webinars.
- The link to the S&T Collaboration Community and dialogue and event schedules are posted at:
- <http://scitech.dhs.gov>



**Homeland
Security**

Science and Technology

S&T NATIONAL CONVERSATION

ON HOMELAND SECURITY TECHNOLOGY

Schedule

ENABLE THE DECISION MAKER

Feb 23-Mar 13 Mar 16-Apr 3 Apr 6-24 Apr 27-May 22

Capabilities Q&A Innovation Ideation Outcomes Report & Webinar Competition

FEB 23-MAY 22

A TRUSTED CYBER FUTURE

May 18-Jun 5 Jun 8-26 Jun 29-Jul 17 Jul 20-Aug 14

Capabilities Q&A Innovation Ideation Outcomes Report & Webinar Competition

MAY 18-AUG 14

Schedules are subject to change. Updates are made on an ongoing basis.

RESPONDER OF THE FUTURE

Jan 12-30 Feb 2-20 Feb 23-Mar 13 Mar 16-Apr 10

Capabilities Q&A Innovation Ideation Outcomes Report & Webinar Competition

JAN 12-APR 10

SCREENING AT SPEED

Apr 6-24 Apr 27-May 15 May 18-Jun 5 Jun 8-Jul 3

Capabilities Q&A Innovation Ideation Outcomes Report & Webinar Competition

APR 6-JUL 3

RESILIENT COMMUNITIES

Jan 29-Jul 17 Jul 20-Aug 7 Aug 10-28 Aug 31-Sept 25

Capabilities Q&A Innovation Ideation Outcomes Report & Webinar Competition

JUN 29-SEPT 25

S&T
**NATIONAL
CONVERSATION**
ON HOMELAND SECURITY TECHNOLOGY

**JOIN THE CONVERSATION.
BE THE FUTURE OF R&D.**

<http://scitech.dhs.gov>

START TALKING

May 18- Aug 14



**Homeland
Security**

Science and Technology

DHS S&T CSD AIMS Discussion

Although measurement science applied to the Internet is necessary to understand and defend our networks, making the case to support infrastructure can be difficult. No one wants to support infrastructure (just look at the roads across the US).

- **What information and examples can be used to make the case to support Internet measurement?**
- **Is there anything other than government funding that would generate sufficient revenue to support this research?**



**Homeland
Security**

Science and Technology



Homeland Security

Science and Technology