

National Center for Border Security and Immigration

Research Lead: The University of Arizona

"Challenges and Solutions at the Northern Border"

Thursday, February 26, 2009 • Meydenbauer Center (Bellevue, WA), Room 407

Agenda

8:00a Continental Breakfast

8:30a Welcome and Overview

Dr. Jay F. Nunamaker, Jr., University of Arizona, Director and P.I.

Dr. Elyse Golob, University of Arizona, Executive Director

National Center for Border Security and Immigration (BSI)

8:45a DHS S&T Northern Border Research Priorities

Jeanne Lin, Leader of Research, Borders and Maritime Security Division

DHS Science and Technology Directorate

9:00a Border Security Policies and US-Canada Relations

Dr. Rey Koslowski, Fellow, Transatlantic Academy; University of Albany

9:45a Experience at the Borders – Approaches to Security and Immigration

Neville W. Cramer, INS Special Agent-in-charge (Retired), Immigration and Nationalization Service

10:30a Break

TRACK 1: DETECTION AND TRACKING

10:45a Deception Detection Techniques for Rapid Screening

Dr. Jay F. Nunamaker, Jr., University of Arizona

11:15a The Autonomic Tracking & Response System (ATaRS)

Jon R. Boyd, Mission Support Manager, Air Warfare Systems, Raytheon Missile Systems

12:15p Lunch

1:15p Smart Border System for Localization and Tracking

Dr. Demoz Gebre-Egziabher, University of Minnesota

1:45p Advanced Imaging Approaches for Detecting Obscured Objects

Drs. Sermsak Jaruwatanadilok, Sumit Roy and Yasuo Kuga, University of Washington

2:15p Sensor Networks Research for Security Applications

Dr. Payman Arabshahi, University of Washington

2:45p Break

TRACK 2: RISK, GOVERNANCE AND ENFORCEMENT

3:00p Border Security Risk Model

Dr. Murray Jennex, San Diego State University

3:30p Toward Adaptive, Risk-Based Border Patrol Resource Allocation

Dr. Joel B. Predd, RAND Corporation

4:00p Status of Trusted-traveler & Trusted-shipper Programs in the Pacific Northwest

David Davidson, Border Policy Research Institute, Western Washington University

4:30p Law Enforcement and Security on the Northern Border

Chris Aldridge & Jason Reinhardt, Western Operations, NLECTC Border Research & Technology Ctr.

5:00p Closing Remarks



BSI Partners

- The University of Arizona
- Arizona State University
- Migration Policy Institute
- New Mexico State University
- Pennsylvania State University
- RAND Corporation
- RTI International
- San Diego State University
- University of California - Irvine
- University of Minnesota
- University of New Mexico
- University of Texas - Pan Am
- University of Washington
- West Virginia University