



ComDef 2008

## ComDef Border Security Tucson 2008

November 17-18, 2008  
Westward Look

# 5th Conference on Technologies for Border Security, Defense & Commerce

- NEW technologies being developed
- NEW research initiatives
- NEW commercialization efforts
- INTERNATIONAL perspectives on technology development for use on the borders

<http://www.ideaa.com/comdef08tucson/>





## Program

Conference Co-Moderators: **Randy Zeller**, Director, Interagency Coordination and Int'l, S&T, DHS ◀ & **Dr. Jennifer Stewart**, Director General, Def. Procurement, Embassy of Canada ◀

**Monday, November 17th, 2008**

0745-0750

**WELCOME FROM CONFERENCE LEADS**

0750-0805

**WELCOME TO TUCSON**

- **Congresswoman Gabrielle Giffords (D-8th)**

0805-0905

**DHS CENTER OF EXCELLENCE FOR BORDER SECURITY AND IMMIGRATION**

- **Dr. Jay Nunamaker Jr.**, University of Arizona, Research Lead & Director, Regents and Soldwedel Professor of MIS, Computer Science and Communication, and director of the Center for the Management of Information.
- **BGen. (Ret.) Jose D. Riojas**, University of Texas- El Paso, Education Lead Director & VP Strategic Initiatives, Office Of Strategic Initiatives ◀

0905-1005

**BORDER SECURITY ISSUES**

- **Robert Gilbert**, Border Patrol Chief, AZ, DHS
- **David Higerson**, Director, Field Office, U.S. Customs & Border Protection ◀
- **Steve Palmer**, Executive Director, Canadian Police Research Centre

**SAFETY EVALUATION**

- **Francisco Niembro Gonzalez**, Undersecretary, Public Safety Secretariat, Mexico

1005-1030

**BREAK**

1030-1100

**KEYNOTE – SBINET**

1100-1130

**KEYNOTE – DEPARTMENT OF DEFENSE – INFORMATION SHARING**

- **Paul D. Grant**, Deputy, Information Sharing Executive, DoD, CIO

1130-1230

**CLUSTER QUAD CHARTS: TECHNOLOGIES FROM SMES**

- **Justin Williams**, Executive Director, Aerospace, Manufacturing & Information Technology Cluster, Tucson

1230-1355

**LUNCHEON – DYNAMIC BORDERS**

- **W. Ralph Basham**, Commissioner, U.S. Customs and Border Protection, DHS
- **Dr. Pablo de la Pena-Sanchez**, Dean, Undergraduate College, ITESM Campus Sonora Norte

1415-1445

**DEPARTMENT OF HOMELAND SECURITY – SCIENCE & TECHNOLOGY OVERVIEW**

- **Dr. Sharla Rausch**, Director, Human Factors Division, DHS Science & Technology Directorate ◀

1445-1600

**VEHICLE & HUMAN IDENTIFICATION, HUMAN INTENT IDENTIFICATION, AND DECISION SUPPORT**

- **Dr. Doug Stow**, San Diego State University ◀
- **Prof. Eric G. Frost**, San Diego State University ◀
- **Larry Hornak**, West Virginia University
- **Dr. Jay Nunamaker**, Univ. of Arizona

1600-1715

**SENSOR PLATFORMS AND NETWORKS**

Integration and assessment of sensor-platforms for border-specific scenarios (micro UAVs)

- **Dr. Sergey Shakarayev**, University of Arizona
- **Advanced Ceramics Research**

Development of Optical Sensors for Intrusion Detection & CMBRE

- **Bob Norwood**, University of Arizona ◀

Border C3 Interoperability

- **Eric Johnson** NMSU

Fault Tolerant Multisensor Networks for Border Activity Detection

- **Dr. Demoz Gebre-Egziabher**, University of Minnesota ◀

Robust Accurate and Ubiquitous Localization and Tracking

- **Prof. Bojan Cukic**, R.C. Byrd Professor, Lane Dept. of CSEE, West Virginia University ◀

1715-1745

**CLUSTER QUAD CHARTS: TECHNOLOGIES FROM SMES**

1845-2000

**CONFERENCE RECEPTION**

## DAY TWO: Tuesday, November 18th

0800-0815

### CONFERENCE DAY ONE RECAP

0815-0930

### TOOLS AND APPROACHES FOR FUSION OF DATA

Spatial-Temporal Sensor Information, Integration and Data Uncertainties

- **Daniel Zeng**, *University of Arizona* ◀

Transforming Data to Information for Decision Support

- **Isaac Brewer**, *Pennsylvania State University*

Effective Reduction of High False Alarm Rates

- **Dr. Huan Liu**, *Assoc. Prof. Computer Science, Arizona State University* ◀
- **George Runger**, *Jeremy Rowe, Arizona State University*
- **Bruce Baicar**, *Program Manager, Knowledge Mmt. Tools, CID, DHS Science & Technology Directorate* ◀

0930-1015

### RISK ASSESSMENT, MITIGATION, AND ALIGNMENT

- **Dr. Larry Head**, *University of Arizona* ◀
- **Dr. Murray E. Jennex**, *SDSU*
- **Luis Barker**, *UTEP*

1015-1115

### VISUAL ANALYTICS

- **Jim Thomas**, *Director, National Visualization and Analytics Center (DHS)* ◀
- **Andrew Vallerand**, *Acting Director General, DRDC Canada Centre for Security Sciences*

1115-1200

### ENHANCING COOPERATION - INTERNATIONAL EXPERIENCE

- **Bruce Bade**, *Director, Pacific Arms Cooperation, OUSD* ◀
- **D. Rick Van Schoik**, *Director, NACTS, New North American Univ., Arizona State University* ◀

1200-1330

### WORKING LUNCHEON

### EXPORTS, IMPORTS & TECHNOLOGY TRANSFER ISSUES

1330-1400

### TECHNOLOGY TRANSFER ISSUES

- **Beth McCormick**, *DUSD for Technology Security Policy and National Disclosure Policy and Director, DTSA*
- **Frank Ruggiero**, *DAS for Pol/Mil Affairs, US Dept of State*

1400-1500

### HOMELAND SECURITY EXPORT REQUIREMENTS

- **Stephanie Howlett**, *International Programs Division, DHS Science & Technology Directorate* ◀
- **Allison Jetton**, *General Council, DHS Science & Technology Directorate* ◀

1500-1515

### BREAK

1515-1615

### EXPORT CONTROL TOWNHALL

- **Allison Jetton**, *General Council, DHS Science & Technology Directorate*
- **Richard Katz**, *Snell & Wilmer*
- **Beth McCormick**, *DUSD for Technology Security Policy and National Disclosure Policy and Dir., DTSA*
- **Joy Nott**, *CCS, JPMorgan Global Trade Services*
- **Frank Ruggiero**, *DAS for Pol/Mil Affairs, US Dept of State*
- **Gary L. Stanley**, *President, Global Legal Services, PC*
- **Dr. Jennifer Stewart**, *Director General, Def. Procurement, Embassy of Canada* ◀

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## Hotel

Westward Look, 245 E Ina Rd., Tucson, AZ 85704 (800)722-2500 (520)297-1151 <http://www.westwardlook.com/>  
IDEAA has secured a Government group rate of Single/Double at per diem \$102 + taxes & Industry group rate of Single/Double \$145 + taxes until October 16th, thereafter on a space available basis. PLEASE MAKE RESERVATIONS VIA THE 800 NUMBER OR BY EMAILING [reservations@westwardlook.com](mailto:reservations@westwardlook.com). Do not use the Westward Look online reservation system as it will not give you the group rate.



**ComDef 2008**

## **ComDef Border Security Tucson 2008 Conference**

17-18th November 2008, Westward Look, Tucson  
<http://www.ideea.com/comdef08tucson/venue.htm>

Please reserve the following space:

		<b>Earlybird</b>	<b>Regular</b>
		<b>Until Oct 15</b>	<b>After Oct 15</b>
<b>Per Person</b>	<b>INDUSTRY</b>	<b>U.S. \$495.00</b>	<b>U.S. \$645.00</b>
	<b>GOVERNMENT (Domestic or International)</b>	<b>U.S. \$350.00</b>	<b>U.S. \$445.00</b>

I understand that there are no cancellations after Oct 15th, 2008. Cancellations prior to Oct 15th will incur a 20% administration charge. Registrations after November 12, 2008 will incur a \$50 onsite fee. Substitutions are possible at any time.

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Country: \_\_\_\_\_

Telephone: \_\_\_\_\_ Telefax: \_\_\_\_\_

Email: \_\_\_\_\_

Enclosed is full payment of: \_\_\_\_\_

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Expiration Date: \_\_\_\_\_

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Preferred payment by Check made out to IDEEA, Inc/ComDef Tucson 2008 in U.S. Funds SEND TO: IDEEA, Inc., 6233 Nelway Drive, McLean, VA 22101 USA Tel: (703) 760 0762 Fax: (703) 760 0764  
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