



“Creating Capability Surprise for Irregular Warfare”

WHAT THIS CONFERENCE WILL ADDRESS:

TECHNOLOGIES THAT POSSESS INTRINSIC BENEFITS THAT:

- ALTER WARFIGHTER OPERATIONS
- CREATE GAME CHANGING MILITARY CAPABILITIES
- PROVIDE AN OVERWHELMING AND EVOLVING CAPABILITY

JOINT STAFF FUNCTIONAL CAPABILITY BOARD IDENTIFIED GAPS AND DESIRED OPERATIONAL CAPABILITY NEEDS

7TH ANNUAL DISRUPTIVE TECHNOLOGIES CONFERENCE

Convened by the C4ISR Division of NDIA

THIS CONFERENCE WILL BE HELD AT THE CLASSIFIED SECRET LEVEL

OCTOBER 13-14, 2010

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FEDERAL GATEWAY ▶ NAVY YARD METRO ▶ WASHINGTON, D.C.

EVENT #1920

WEDNESDAY, OCTOBER 13, 2010

- 7:00 AM** **REGISTRATION AND CONTINENTAL BREAKFAST**
- 8:00 AM** **WELCOME REMARKS AND INTRODUCTIONS**
- ▶ Dr. Steve Kimmel, *Chairman, C4ISR Division, NDIA; Senior Vice President, Alion Science and Technology*
- 8:15 AM** **TODAY'S STRATEGIC OPERATING ENVIRONMENT**
- ▶ Mr. Dave Ochmanek, *Deputy Assistant Secretary of Defense (Force Development), OUSD(P)*
- 9:15 AM** **FOREIGN TECHNOLOGY: DIRECTIONS AND TRENDS**
- This panel will address the increased focus upon S&T and transitional research by foreign adversaries
- Moderator:
- ▶ Mr. Frank Cooper, *Vice President and Chief Technology Officer, Concurrent Technologies Corporation*
- Panelists:
- ▶ Dr. Mark Lewis, *University of Maryland (previously USAF Chief Scientist)*
 - ▶ Dr. Larry Schuette, *Director of Innovation, Office of Naval Research*
 - ▶ Dr. Frank Brauns, *Deputy National Intelligence Officer for Science & Technology, ODNI*
- 10:15 AM** **BREAK**
- 10:30 AM** **NATIONAL SECURITY SCIENCE AND ENGINEERING FELLOW PANEL: DISRUPTIVE TECHNOLOGY CAPABILITY CHANGING SURPRISES**
- Moderator:
- ▶ Dr. David Honey, *Director for Research, Office Director, Defense and Research Engineering*
- Panelists:
- ▶ Dr. Graham Candler, *University of Minnesota*
 - ▶ Dr. Margaret Murnane, *University of Colorado at Boulder*
 - ▶ Dr. Carey Priebe, *Johns Hopkins University*
- 11:15 AM** **COUNTER INSURGENCY IN AFGHANISTAN: IMPLICATIONS FOR ISR STRATEGIES**
- ▶ Mr. Thomas Behling, *Executive Director, CENTRA Technology, Inc.*
- 12:15 PM** **LUNCH**
- 1:00-4:30 PM** **CAPABILITY NEEDS: ADDRESSING INSURGENCY, TERRORISM AND STABILITY OPERATIONS**
- 1:00 PM** **CAPABILITIES AND ENABLING TECHNOLOGIES TO DEFEAT TERRORIST NETWORKS**
- ▶ Ms. Ritu Sharma, *Senior Analyst, PA Consulting Group*
- 1:45 PM** **ASYMMETRIC ADVANCES AND DT CHALLENGES**
- ▶ Mr. James Martin, *Assistant Deputy Under Secretary of Defense (Portfolio, Programs & Resources)*
- 2:30 PM** **BREAK**
- 3:00 PM** **CAPABILITIES NEEDED IN U.S. CENTRAL COMMAND**
- ▶ Mr. Marty Drake, *Science Advisor, USCENTCOM*
- 3:45 PM** **SPECIAL FORCE CAPABILITY NEEDS**
- ▶ Mr. Bill Shepherd, *Chief Science Advisor, USSOCOM*
- 4:30 PM** **ADJOURN**
- 4:30-5:00 PM** **RECEPTION**

THURSDAY, OCTOBER 14, 2010

7:00 AM REGISTRATION AND CONTINENTAL BREAKFAST

8:00-11:00 AM JOINT CAPABILITY AREAS (JCAs):

TRACK I

Track I Leader: CDR Chris Nash, *Joint Staff, J8*

8:00 AM NET-CENTRICS
CAPT KEN BOWEN, USAF

The ability to provide a framework for full human and technical connectivity and interoperability that allows all DoD users and mission partners to share the information they need when they need it, in a form they can understand and act on with confidence, and protects information from those who should not have it.

8:30 AM COMMAND AND CONTROL
COL JILL NEWMAN, USA
MR. KEN TESKE
MR. TONY PETERSON

The ability to exercise authority and direction by a properly designated commander or decision maker over assigned and attached forces and resources in the accomplishment of the mission.

9:00 AM BATTLESPACE AWARENESS
CDR PATRICK WILLIAMS, USN
MR. JOHN NERI

The ability to understand dispositions and intentions as well as the characteristics and conditions of the operational environment that bear on national and military decision-making.

9:30 AM BUILDING PARTNERSHIPS
MR. MARK PHILLIPS

The ability to set the conditions for interaction with partner, competitor or adversary leaders, military forces, or relevant populations by developing and presenting information and conducting activities to affect their perceptions, will, behavior, and capabilities.

10:00 AM GENERAL DISCUSSION

TRACK II

Track II Leader: Mr. Mike Olmstead, *Associate Director, Joint Needs Integration, Defense Research & Engineering*

8:00 AM FORCE APPLICATION
COL RUSS BODINE, USA

The ability to integrate the use of maneuver and engagement in all environments to create the effects necessary to achieve mission objectives

8:30 AM FORCE SUPPORT
COL RUSS BODINE, USA

The ability to establish, develop, maintain, and manage a mission-ready Total Force, and provide, operate, and maintain capable installation assets across the total force to ensure needed capabilities are available to support National Security.

9:00 AM LOGISTICS
LT COL LISA HESS, USAF

The ability to project and sustain a logistically ready joint force through the deliberate sharing of national and multi-national resources to effectively support operations, extend operational reach and provide the joint force commander the freedom of action necessary to meet mission objectives.

9:30 AM PROTECTION
LTC PIERRE JUTRAS

The ability to prevent/mitigate adverse effects on attacks on personnel (combatants/non-combatant) and physical assets of the United States, allies, and friends.

10:00 AM GENERAL DISCUSSION

11:00 AM SPACE AND INTELLIGENCE CAPABILITY GAP EXPANDING INITIATIVES

- ▶ Mr. Gil Klinger, *Director, Space & Intelligence Capabilities, OSD*

11:45 AM WRAP-UP

- ▶ Dr. Steve Kimmel, *Chairman, C4ISR Division, NDIA; Senior Vice President, Alion Science and Technology*

12:00 PM ADJOURN

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**THANK YOU FOR
ATTENDING!**

**SAVE THE DATE
FOR THE
8TH ANNUAL
DISRUPTIVE
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**NOVEMBER 8-9, 2011
WASHINGTON, DC
EVENT #2920**

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