

5TH ANNUAL DISRUPTIVE TECHNOLOGIES CONFERENCE

Dynamic Capability Differences

Notable Speakers:

- ▶ Mr. Juan Hurtado,
Science Advisor, USSOUTHCOM
- ▶ Mr. Tom Ehrhard,
*Senior Fellow, Center for Strategic
& Budgetary Assessments*
- ▶ Dr. Brian Shaw,
*Director, Center for Science &
Technology Intelligence,
National Defense Intelligence College*
- ▶ Mr. Martin Drake,
Science Advisor, USCENTCOM
- ▶ Dr. Dan McMorrow,
Director, JASON Program Office
- ▶ Mr. Alan Shaffer,
*Director, Plans & Programs,
Office of the Director, Defense
Research & Engineering*
- ▶ 8 Functional Capability Subject
Matter Experts



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GRAND HYATT WASHINGTON ▶ WASHINGTON, DC

SEPTEMBER 4-5, 2008

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THIS CONFERENCE IS OPEN TO U.S. CITIZENS ONLY

EVENT #8920

THURSDAY, SEPTEMBER 4, 2008

7:00 AM **REGISTRATION AND CONTINENTAL BREAKFAST**

8:00 AM **WELCOME REMARKS AND INTRODUCTIONS**

▶ Dr. Steve Kimmel, *NDIA C4ISR Division Chairman, Senior Group Vice President, Alion Science & Technology*

8:15 AM **A WARFIGHTER'S PERSPECTIVE: THE DIFFERENCE DISRUPTIVE TECHNOLOGY SHOULD MAKE**

▶ Mr. Juan Hurtado, *Science Advisor, USSOUTHCOM*

9:15 AM **A BRIDGE TOO FAR? INTEGRATING DISRUPTIVE TECHNOLOGIES IN DoD**

▶ Mr. Tom Ehrhard, *Senior Fellow, Center for Strategic and Budgetary Assessments*

10:00 AM **BREAK**

10:30 AM **SCIENCE & TECHNOLOGY IN A GLOBALIZED WORLD—ANTICIPATING INNOVATION**

▶ Dr. Brian R. Shaw, *Director, Center for Science & Technology Intelligence, National Defense Intelligence College*

11:15 AM **HOW TECHNOLOGY HAS CHANGED TODAY'S WARFIGHT**

▶ Mr. Martin Drake, *Science Advisor, USCENTCOM*

12:00 PM **LUNCH**

1:00 PM **INDUSTRY'S DISRUPTIVE TECHNOLOGIES**

TRACK I CONSTITUTION A

Moderator: Ms. Thilde Peterson,
Director, Select University Technologies, Inc.

1:00 PM **DIGITAL SWARMING**

Dr. Terry Pierce
*Research Associate Professor,
Naval Postgraduate School*

Mr. J.D. Stanley
Chief Technology Officer, Cisco

1:30 PM **MOTION DISPLAYS-FUSION**

Mr. Rusty Bobrow
*Division Scientist,
BBN Technologies Corporation*

2:00 PM **FUEL CELL POWER SYSTEMS**

Dr. Paul Osenar
*Chief Technology Officer,
Protonex Technology Corp.*

2:30 PM **BREAK**

TRACK II THEATRE

Moderator: Mr. Fred Lash, *Avisar, Inc.*

1:00 PM **LEVERAGING THE POWER OF TODAY'S CELL PHONE**

Mr. Brian Geoghegan
*Chief Product Officer,
Reality Mobile, LLC*

1:30 PM **BIG BEAR-DESIGN, DEVELOP, FIELD A DISRUPTIVE TECHNOLOGY**

Dr. Gary Gilbert
*Research Associate,
Army Telemedicine & Advanced
Technologies Research Lab*

2:00 PM **WHO-WHAT, WHERE AND WHEN**

Mr. Bill Parker
*Chief Technology Officer,
O'Gara Group*

**THURSDAY 3:00-5:00PM
JOINT CAPABILITY AREA
TRACK DESCRIPTIONS**

BATTLESPACE AWARENESS

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.

COMMAND & CONTROL

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.

NET-CENTRIC OPERATIONS

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.

BUILDING PARTNERSHIPS

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.

FORCE APPLICATION

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

PROTECTION

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

LOGISTICS

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.

FORCE SUPPORT

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.

3:00 PM SOLVING JOINT NEEDS INTO DESIRED JOINT MILITARY CAPABILITIES

**TRACK I
CONSTITUTION A**

Moderator: Mr. Mike Knollmann,
*Assistant Deputy Under Secretary of Defense
(Joint & Coalition Operations Support)*

3:00 PM BATTLESPACE AWARENESS

Lt Col Lourdes Duvall
Joint Staff (J-2)

3:30 PM COMMAND & CONTROL

Ms. Michelle Stevenson
Joint Staff (J-6)

4:00 PM NET-CENTRIC OPERATIONS

Mr. Dennis "DJ" Damiens
Joint Staff (J-6)

4:30 PM BUILDING PARTNERSHIPS

CDR Pat Shea
Joint Staff (J-5)

5:00 PM-6:00 PM RECEPTION

**TRACK II
THEATRE**

Moderator: CDR Pete Young, USN,
Joint Staff, J-8, CAD

3:00 PM FORCE APPLICATION

Mr. Chandler Crangle
Joint Staff (J-8)

3:30 PM PROTECTION

LTC Mark Towne
Joint Staff (J-8)

4:00 PM LOGISTICS

LtCol Lisa Hess
Joint Staff (J-4)

4:30 PM FORCE SUPPORT

LTC Bob Hughes
Joint Staff (J-8)

FRIDAY, SEPTEMBER 5, 2008

7:00 AM REGISTRATION AND CONTINENTAL BREAKFAST

8:00 AM WELCOME AND DAY 2 INTRODUCTION

► Mr. Samuel Chun, *Program Co-Chair,
Director, Cyber Security Practice, EDS Government Solutions*

8:15 AM FEATURED PRESENTATIONS: DoD S&T IN A CHANGING LANDSCAPE

► Mr. Alan Shaffer, *Director, Plans & Programs, Office of the Director,
Defense Research & Engineering*

9:00AM TECHNOLOGY CHALLENGES: ULTRA HARD PROBLEMS

Session Moderator: Mr. Bob Baker, *Deputy Director, Plans & Programs,
Office of the Director, Defense Research & Engineering*

► **ENERGY FOR THE COMBATANT COMMANDER**

Mr. Joseph Sartiano, *DoD Energy Security Task Force*

► **CYBER SECURITY AND INFORMATION ASSURANCE**

Mr. Richard Hale, *Chief Information Assurance Executive,
Defense Information System Agency*

10:00 AM BREAK

10:30AM ► BIOSENSORS & BIO-INSPIRED SCIENCES

Dr. Morley Stone, *Air Force Research Laboratory*

► **TECHNOLOGY TO SUPPORT URBAN & IRREGULAR WARFARE**

Mr. B. Daniel Fox, *Science Advisor, Joint Urban Operations Office,
U.S. Joint Forces Command*

► **TECHNOLOGY FORECAST**

Dr. Dan McMorro, *Director, JASON Program Office*

12:00 PM CONFERENCE SUMMARY

► Mr. Samuel Chun, *Program Co-Chair, Director, Cyber Security Practice,
EDS Government Solutions*

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