

Disruptive Technologies Conference

*“Disruptive Technologies:
Turning Lists into Capabilities”*

September 4-5, 2007

Hyatt Regency Washington
on Capitol Hill

Event #7920
On-Site Brochure

TUESDAY, SEPTEMBER 4

All briefings and panel discussions will take place in the Capitol Room

- 7:00 am Registration and Continental Breakfast in the Capitol Room Foyer
- 8:00 am Welcome Remarks and Introductions
Mr. Sam Campagna, Director, Operations, NDIA;
Dr. Steve Kimmel, NDIA C4ISR Division Chairman, Senior Group Vice President, Alion Science & Technology
- 8:15 am Assessment—Worldwide Disruptive Technology Developments: Metrics and Threats
Keynote Speaker: Mr. Rich Engle, Deputy National Intelligence Officer for Science & Technology, National Intelligence Council
- 9:15 am 4th Generation Nuclear S&T
Guest Speaker: Mr. David Crandall, Assistant Deputy Administrator for Research, Development & Simulation, Department of Energy

10:00 am Break

10:30 am Lessons and Successes: Adapting Technology to Enhance the Warfighter

- 10:30 am Evolving Joint Needs and Desired Joint Military Capabilities: *Moderator: Mr. Mike Knollmann, Assistant Deputy Under Secretary of Defense (Joint & Coalition Operations Support)*
- 10:45 am USSOCOM: *Mr. Doug Richardson, USSOCOM Washington Office Liaison for Advanced Technology*
- 11:10 am USPACOM: *Mr. Mel Chaloupka, Chief, Transformation and Joint Experimentation*
- 11:35 am USSTRATCOM: *Mr. Shawn Spencer, Director, Technologies & Capability Development*

12:00 pm Lunch in the Columbia Room

1:00 pm [Panel 1] Industry's Disruptive Technologies

Moderator: Mr. Mike Gulli, Director, Technology Marketing and Transition, Planning Systems, Inc.

1:00 pm	Night Vision Countermeasures and Response	Mr. William Parker <i>The O'Gara Group</i>
1:20 pm	Weaponizing the Spectrum	Mr. Kalle Konston <i>Alion Science & Technology</i>
1:40 pm	Self-Powered Autonomous Next Generation Chem-Bio Sensors	Dr. Richard Waters <i>SPAWAR Systems Center</i>
2:00 pm	Robots: Changing the Way We Fight and Live	VADM Joseph Dyer, USN (Ret) <i>iRobot Corp.</i>
2:20 pm	Panel Q&A	

2:30 pm Break

3:00 pm [Panel 2] The Need for Blue Force Disruptive Technologies

Moderator: Mr. Ed Patton, PriceWaterhouseCoopers

3:00 pm	Informatics as the Next Engine of Innovation	Dr. Zachary Lemnios <i>Chief Technology Officer, MIT Lincoln Laboratory</i>
3:30 pm	Perspectives on Disruptive Technology	Dr. Frank H. Akers <i>Junior Chairman, Army Science Board and Associate Laboratory Director for National Security, Oak Ridge National Lab</i>
4:00 pm	Science & Technology for Naval Warfare, 2015-2020	Dr. Mark Lister <i>Member, Naval Research Advisory Council</i>
4:30 pm	Resourcing Disruptive Technologies	Mr. Alan Shaffer <i>Director, Plans & Programs, Office of the Director, Defense Research & Engineering</i>

5:00-6:00 pm No-Host Reception in the Thornton Room, 11th Floor

WEDNESDAY, SEPTEMBER 5

All briefings and panel discussions will take place in the Capitol Room

7:00 am Registration and Continental Breakfast in the Capitol Room Foyer

8:00 am Featured Presentation: Disruptive Intelligence Gathering From Technology to Systems for National Security

Hon. James Clapper, Jr., Under Secretary of Defense for Intelligence

8:30 am **[Panel 3] Technology Challenges: Ultra Hard Problems**

Moderator: Dr. Melissa Flagg, Director, International Liaison Office, Office of Naval Research Global

8:30 am	Loose Nucs	Dr. Gabriel Sampoll-Ramirez <i>Nuclear Technologies Detection Division Chief, Defense Threat Reduction Agency</i>
8:45 am	Predictive Human Behavior	CDR Sean Biggerstaff, USN <i>Assistant Director, Human Systems, Office of the Director, Defense Research & Engineering</i>
9:00 am	Continuous Tagging, Tracking & Locating	Mr. Doug Richardson <i>USSOCOM</i>
9:15 am	Stand-off Biometric Identification	Mr. Thomas Dee <i>Director, Biometrics, Rapid Reaction Technology Office, Office of the Director, Defense Research & Engineering</i>

9:30 am Break

10:00 am High Integrity Global Positioning System (iGPS): *Dr. David Whelan, Member, Air Force Scientific Advisory Board*

10:30 am **[Panel 4] Disruptive Technology: Happenings and Prospects**

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

10:30 am	Disruptive Sensor & Electronic Technologies for Land Operations	Dr. John Pellegrino <i>Director for Sensors and Electron Devices, Army Research Laboratory</i>
11:00 am	Propulsion/Hypersonic Technologies	Dr. William Borger <i>Director, Air Force Research Laboratory/ Propulsion Directorate</i>
11:30 am	Naval Innovation & Disruptive Technology	Dr. Lawrence C. Schuette <i>Director of Innovation, Office of Naval Research</i>
12:00 pm	Training and Mission Rehearsal	Mr. Frank DiGiovanni <i>Office of the Under Secretary of Defense for Personnel & Readiness</i>

12:30 pm Conference Adjourns

