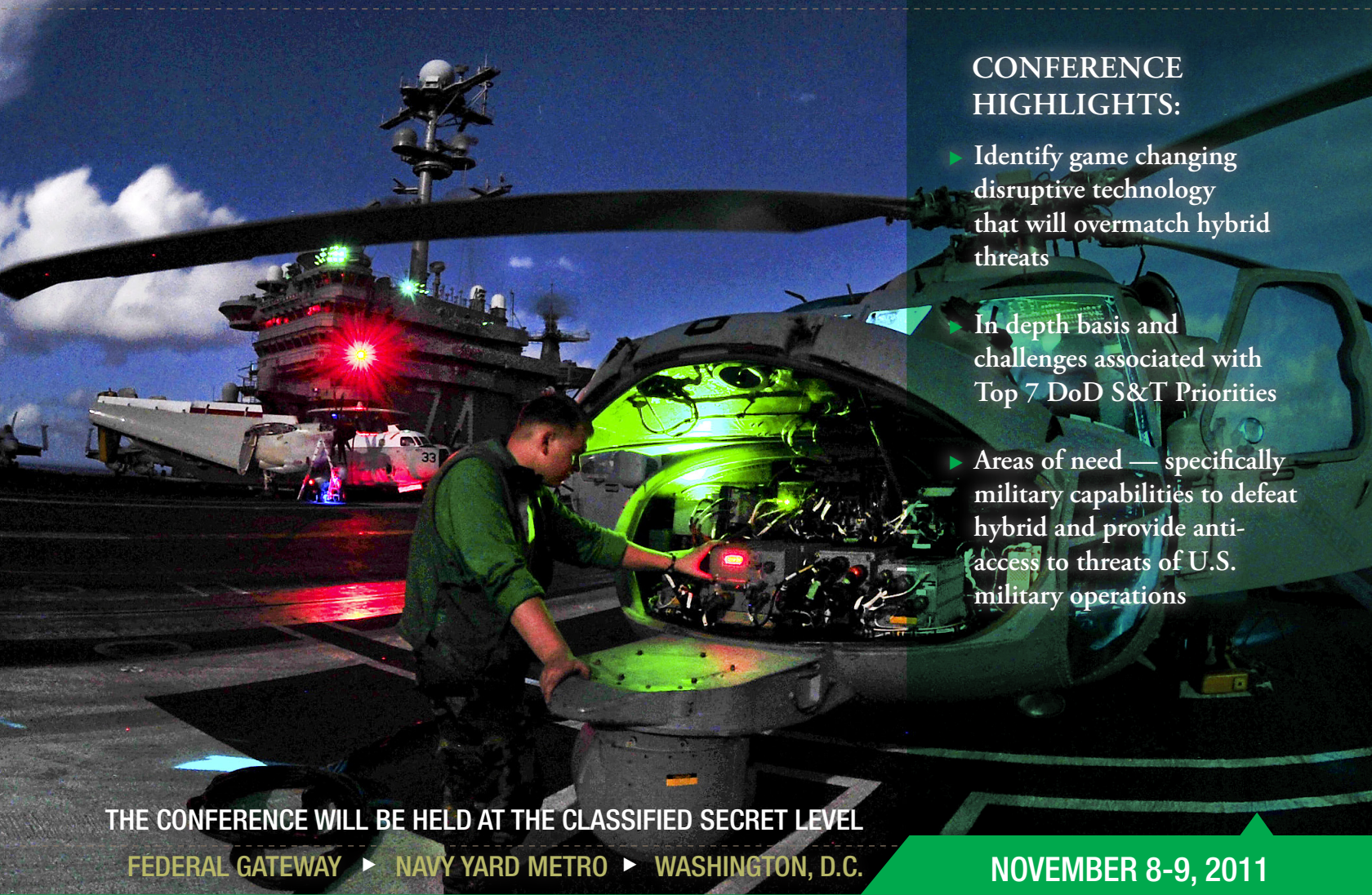


8th ANNUAL DISRUPTIVE TECHNOLOGIES CONFERENCE

“DoD Science & Technology Priority Roadmaps to Address Emerging Military Challenges”



CONFERENCE HIGHLIGHTS:

- ▶ Identify game changing disruptive technology that will overmatch hybrid threats
- ▶ In depth basis and challenges associated with Top 7 DoD S&T Priorities
- ▶ Areas of need — specifically military capabilities to defeat hybrid and provide anti-access to threats of U.S. military operations

THE CONFERENCE WILL BE HELD AT THE CLASSIFIED SECRET LEVEL

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

EVENT #2920

NOVEMBER 8-9, 2011

WWW.NDIA.ORG/MEETINGS/2920

TUESDAY, NOVEMBER 8, 2011

- 7:00 am - 5:00 pm** **Registration Open**
- 7:00 am - 8:00 am** **Continental Breakfast**
- 8:00 am - 8:15 am** **Welcome Remarks & Introductions**
▶ Dr. Steve Kimmel, *Senior Vice President, Alion Science & Technology, NDIA CAISR Division Chairman*
- 8:15 am - 10:00 am** **Session I: “The Character and Impact of Hybrid Threats and Anti-Access/Area Denial Capabilities on U.S. National Interests” (CLASSIFIED)**
- 8:15 am - 9:15 am** **The Hybrid Threat—Challenges and Areas of Concern**
▶ Mr. Paul Scharre, *Office of Force Development, Office of the Under Secretary of Defense for Policy*
- 9:15 am - 10:00 am** **Some Challenges for Global Military Operations**
▶ Dr. Thomas Allen, *Deputy Director, Studies and Analysis, Joint Staff, J8*
- 10:00 am - 10:30 am** **Break**
- 10:30 am - 5:00 pm** **Session II: “The DoD S&T Priority Roadmaps” (CLASSIFIED)**
- 10:30 am - 11:30 am** **Keynote Address: “Focus of the DoD Science & Technology Program”**
▶ Honorable Zachary Lemnios, *Assistant Secretary of Defense for Research & Engineering*
- 11:30 am - 12:00 pm** **Process Used to Develop the DoD Science & Technology Priorities and Roadmaps**
▶ Mr. Robert Baker, *Deputy Director, Plans & Programs, Office of the Assistant Secretary of Defense, Research & Engineering*
- 12:00 pm - 1:00 pm** **Lunch**
- 1:00 pm - 1:30 pm** **Data to Decisions**
▶ Dr. Carey Schwartz, *Program Officer, Office of Naval Research*
- 1:30 pm - 2:00 pm** **Autonomy**
▶ Dr. Morley Stone, *Chief Scientist, 711th Human Performance Wing, Air Force Research Laboratory*
- 2:00 pm - 2:30 pm** **Human Systems**
▶ Dr. John Tangney, *Director, Human & Bioengineered Systems Division, Office of Naval Research*
- 2:30 pm - 3:00 pm** **Engineered Resilient Systems**
▶ Dr. Robert Neches, *Director, Advanced Engineering Initiatives, Office of the Assistant Secretary of Defense, Research & Engineering*
- 3:00 pm - 3:30 pm** **Break**
- 3:30 pm - 4:00 pm** **Cyber Science and Technology**
▶ Dr. Steven King, *Deputy Director, Cyber Security Technology, Office of the Assistant Secretary of Defense, Research & Engineering*
- 4:00 pm - 4:30 pm** **Counter Weapons of Mass Destruction (WMD)**
▶ Dr. Gregory Simonson, *Science Advisor, Office of the Assistant Secretary of Defense for Nuclear, Chemical and Biological Defense Programs*
- 4:30 pm - 5:00 pm** **Electronic Warfare/Electronic Protection**
▶ Dr. Jay Kistler, *Director, Electronic Warfare and Countermeasure Technologies, Office of the Assistant Secretary of Defense, Research & Engineering*
- 5:00 pm - 6:00 pm** **Networking Reception**

WEDNESDAY, NOVEMBER 9, 2011

- 7:00 am - 3:00 pm** **Registration Open**
- 7:00 am - 8:00 am** **Continental Breakfast**
- 8:00 am - 12:00 pm** **Session III: “Service and DARPA Science & Technology Programs: Areas of Increasing Emphasis and Investment” (Classified)**
- 8:00 am - 8:45 am** **Army Science & Technology Program: Areas for Industry Participation**
▶ Ms. Nancy Harned, *Executive Director, Strategic Plans and Program Planning, Office of the Deputy Assistant Secretary of the Army, Research and Technology*
- 8:45 am - 9:30 am** **Naval Science & Technology Program: Areas for Industry Participation**
▶ Dr. Walter Jones, *Technical Director, Office of Naval Research*
- 9:30 am - 10:00 am** **Break**
- 10:00 am - 10:45 am** **Air Force Science & Technology Program: Areas for Industry Participation**
▶ Dr. Steven Walker, *Deputy Assistant Secretary of the Air Force for Science, Technology & Engineering*
- 10:45 am - 12:00 pm** **DARPA Science & Technology Program: Areas for Industry Participation**
▶ Dr. Kaigham (Ken) Gabriel, *Deputy Director, Defense Advanced Research Agency*
- 12:00 pm - 1:00 pm** **Lunch**
- 1:00 pm - 3:10 pm** **Session IV: “DoD Multidisciplinary University Research Initiative: 25 Years of Success” (UNCLASSIFIED)**
- 1:00 pm - 1:20 pm** **Basic Science, MURIs and Their Disruptive Qualities**
▶ Dr. Robin Staffin, *Director, Basic Sciences, Office of the Assistant Secretary of Defense, Research & Engineering*
- 1:20 pm - 1:45 pm** **MURIs and What They Lead To**
▶ Dr. George Whitesides, *Woodford L. and Ann A. Flowers University Professor, Harvard University*
- 1:45 pm - 2:10 pm** **MURI-Funded Scientific and Technological Blockbusters from Northwestern University**
▶ Dr. Chad Mirkin, *George B. Rathmann Professor of Chemistry, Northwestern University*
- 2:10 pm - 2:35 pm** **From Optical Atomic Clocks to Chemistry Near Absolute Zero—How MURI has Transformed Precision Measurement and Quantum Control**
▶ Dr. Jun Ye, *Fellow of JILA and NIST, Professor Adjoint, Department of Physics, University of Colorado*
- 2:35 pm - 3:00 pm** **The Excitement of the MURIs**
▶ Dr. Peter Reynolds, *Chief Scientist, Physical Sciences Directorate, Army Research Office*
- 3:00 pm - 3:20 pm** **Closing Remarks: “Sharing MURI Activities to Ensure the Nation’s Future Technological Strength”**
▶ Dr. Robin Staffin, *Director, Basic Sciences, Office of the Assistant Secretary of Defense, Research & Engineering*
- 3:20 pm** **Adjourn**

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SAVE THE DATES!! UPCOMING C4ISR BREAKFASTS

DECEMBER 1, 2011

FEBRUARY 2, 2012

APRIL 5, 2012

JUNE 7, 2012

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