

# Precision Strike Technology Symposium (PSTS-07)

Tuesday October 23

## AGENDA

PLEASE NOTE - MANY OF THE PRESENTATIONS WERE CLASSIFIED OR NOT APPROVED FOR PUBLIC RELEASE

- 0800 **CHECK-IN / CONTINENTAL BREAKFAST**  
Sponsored by: Kaman Fuzing
- 0900 **SYMPOSIUM WELCOME: *Bill Dalecky***  
Chairman of the Board (NO Presentation)
- 0905 **JHU / APL WELCOME: *Dr. Bill LaPlante***  
Head, JHU/APL Global Engagement Department  
(NO Presentation)
- 0910 **SPECIAL REMARKS: *Dr. Michael Vlahos***  
JHU/APL (NO Presentation)
- 0945 **OPENING KEYNOTE ADDRESS—  
TRANSFORMING THE JOINT FORCE &  
STRENGTHENING WARFIGHTING  
CAPABILITIES: (NO Presentation)**  
*Lieutenant General John G. Castellaw, USMC*  
Deputy Commandant for Programs and Resources
- 1030 **NETWORKING REFRESHMENT BREAK**  
Sponsored by: Northrop Grumman
- 1100 **TARGETING SESSION:**  
Chair: *JT Morris*—Vice President, Whitney,  
Bradley & Brown, Inc.  
  - **Kill Chain Analysis for Naval Special Warfare (NSW) Weapons, Platforms, and Sensors:**  
*Chris Hase*—Defense Analyst, Whitney, Bradley & Brown, Inc. (NO Presentation)
  - **Precision Strike UAS Off-board Sensing Capability:** *James Guthrie*—Defense Threat Reduction Agency
  - **Testing Technology and C2 Structure for Third Party Targeting of Tactical Tomahawk:**  
*William Druce*—PM for Tomahawk Advanced Concepts, JHU/APL
  - **Integrating the Kill Chain in Defense against Rocket, Artillery, Mortar & C-UAVs:**  
*P. Kevin Peppe*—Director, Close in Weapons Systems, Raytheon Missile Systems  
(NO Presentation)
- 1245 **LUNCHEON**—Kossiakoff Center Dining Room  
Sponsored by: Lockheed Martin Company
- 1330 **LUNCHEON ADDRESS—THE FUTURE IN LONG RANGE STRIKE:**  
*Dr. Rebecca Grant*—President, IRIS Independent Research, Inc. & Author of Return of the Bomber
- 1400 **C4ISR SESSION:**  
Chair: *Buck Buchanan*—JHU/APL C2 Cross Enterprise Initiative Director  
  - **Results of the Johns Hopkins University Applied Physics Laboratory's C2 Hypotheses Exercise:**  
*James L. Hillman*—JHU/APL Group Supervisor, Advanced Concepts & Technology Analysis Group
  - **Can Real-Time Operate in a Services-Oriented Architecture (SOA) Environment:**  
*Charles G. Kille*—Principal Systems Engineer, Raytheon Company
  - **Applying Service Oriented Architecture to Tomahawk C2 and GWOT:**  
*LCDR Andrew Biehn, USN*—DD, Washington Planning Center, NAVAIR PMA-281  
(NO Presentation)
  - **Benefits of a Precision GPS Ephemeris (PGE) Tactical Control Station (TCS) GPS Web Services for Precision Strike:**  
*Dr. Alison K. Brown*—President & CEO, NAVSYS Corp.
- 1545 **NETWORKING REFRESHMENT BREAK**  
Sponsored by: Northrop Grumman
- 1600 **THE IRAQI PERSPECTIVES PROJECT—  
THE HISTORY WE DON'T KNOW (ADAPTATION  
TO PRECISION—IRAQ 1991-2003):**  
*Kevin Woods*—Joint Advanced Warfighting Program & 2006 Goodpaster Award Winner, Institute for Defense Analyses (NO Presentation)
- 1645 **PRECISION STRIKE INTELLIGENCE CAPABILITIES & TECHNOLOGY IMPROVEMENTS—ENEMY ADAPTATION TO OUR PRECISE WEAPONS TECHNOLOGY:**  
*L.C. Greenwood*—Division Chief, Studies & Analysis Group, Operations Integration Center, Joint IED Defeat Organization (JIEDDO) (NO Presentation)
- 1730 **EVENING RECEPTION:**  
Sponsored by: Orbital Sciences, Inc.

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Wednesday, October 24

## AGENDA

- 0700 **CHECK-IN / CONTINENTAL BREAKFAST**
- 0745 **ELECTRONIC WARFARE ROADMAP:**  
*Jay Kistler*—Technical Director, Air Warfare, Portfolio Systems Acquisition Directorate, OUSD(AT&L)
- 0815 **WEAPONS SESSION:**  
*Chair: Captain Pete Murphy, USN*  
Air Warfare, Portfolio Systems Acquisition Directorate, OUSD(AT&L)
- **High Speed Strike Weapon Engine Development:** *Michael Behring*  
Alliant Techsystems, Inc.
  - **AARGM – More than DEAD—A Transformational, High-Speed Strike Weapon for the Fleet:**  
*Douglas M. Larratt*—Business Development for Strike Weapons, ATK (NO Presentation)
  - **Technology for Future Rapid Global Engagement:** *Dr. Keith Numbers*—Global Strike Leader, Air Force Research Laboratory
- 1000 **NETWORKING REFRESHMENT BREAK**  
Sponsored by: The Boeing Company
- 1030 **KEYNOTE ADDRESS—CRITICAL TECHNOLOGIES FOR THE LONG WAR: (NO Presentation)**  
*The Honorable Ronald M. Sega*  
Former Under Secretary of the Air Force
- 1115 **THE LONG WAR—CHANGING THE TARGETING LANDSCAPE: (NO Presentation)**
- 1145 **LUNCHEON**—Kossiakoff Center Dining Room  
Sponsored by: ATK
- 1220 **LUNCHEON ADDRESS—ENABLING EMERGING TECHNOLOGIES AND TECHNICAL SOLUTIONS FOR PROTECTING OUR NATION:**  
*Captain Charles T. “Chuck” Nash, USN (Ret.)*  
Fox News Military Pundit & Iran Policy Committee Member; President, Emerging Technologies Int'l
- 1300 **EFFECTS SESSION:**  
*Chair: Suzy Kennedy*—JHU/APL Kinetic Engagement Program Area Manager
- **Naval S&T Strategic Plan—Defining the Strategic Direction for Tomorrow in Power Projection:**  
*Michael B. Deitchman*—Deputy Chief of Naval Research, Naval Air Warfare & Weapons S&T Department, Office of Naval Research
  - **Engagement of Time Critical Targets with Small Weaponized UAVs:**  
*Brian K. Funk*—Senior Professional Staff Member, JHU/APL (NO Presentation)
  - **Weaponizing for Hard Target Defeat using Large Blast Munitions:**  
*Regan E. Burmeister*—Senior Engineer, Applied Research Associates, Inc. (NO Presentation)
  - **Tactical Tomahawk Block IV Multi-Mission Upgrade: (NO Presentation)**  
*Allen P. Gehris Jr.*—Tomahawk Weapon System Advanced Strategies Manager, NAVAIR PMA-280
- 1445 **NETWORKING REFRESHMENT BREAK**  
Sponsored by: The Boeing Company
- 1500 **JOINT AIRBORNE ELECTRONIC ATTACK (JAEA) FOR THE LONG WAR: (NO Presentation)**  
*Dr. Jeff Heyer*—Head, Electronic Warfare Strategic Planning Organization, Naval Research Laboratory
- 1530 **THE WAY AHEAD FOR SENSOR PLATFORMS:**  
*Colonel Paul Crawford, USA*  
Chief of Force Development for FCS, Army G-8
- 1600 **NET-ENABLED WEAPONS—ANOTHER NODE ON THE NETWORK:**  
*Captain Mat Winter, USN*—NAVAIR PMA-201
- 1630 **ARMED UNMANNED SYSTEMS PANEL:**  
*Moderator: Captain Harold “Bud” Bishop, USN*  
OPNAV, N880C (NO Presentations)
- *Steven Borden*—Deputy Chief for Joint Attack Munitions Systems, PEO Missiles & Space, U.S. Army
  - *Captain Tony Albano, USN*—N882D3
  - *Lt Col Jim Molinari, USAF*—UAS Task Force

# Precision Strike Technology Symposium (PSTS-07)

Thursday, October 25

## AGENDA

- 0715 **CHECK-IN/CONTINENTAL BREAKFAST**
- 0800 **INTEL UPDATE ON FOREIGN STRIKE WEAPONS:** *Lauren Nordstrom*—National Air and Space Intelligence Center (NO Presentation)
- 0830 **HEALTH OF NATO—NATO’S COMPREHENSIVE APPROACH TO OPERATIONS IN AFGHANISTAN AND IRAQ:** *George Sinks*—NATO Desk Officer, OASD International Security Affairs, USD(Policy) (NO Presentation)
- 0900 **KEYNOTE ADDRESS—MISSILE DEFENSE AND SPACE HIGHLIGHTS:** *Lieutenant General Henry Obering III, USAF* Director, Missile Defense Agency (NO Presentation)
- 0945 **IDMATS—COUNTERING THE D&D THREAT:** *Debbie Chen Watson*—National Air and Space Intelligence Center (NO Presentation)
- 1015 **NETWORKING REFRESHMENT BRUNCH:** Sponsored by: Raytheon Company
- 1100 **EXPEDITIONARY WARFARE & COALITION INTEGRATION:** *Captain Harold “Bud” Bishop, USN* OPNAV, N880C (NO Presentation)
- 1130 **RETAINING OUR NATION'S GLOBAL STRIKE CAPABILITY:** *Raleigh Durham*—Director, Joint Advanced Concepts, OUSD(AT&L) (NO Presentation)
- 1200 **RELIABLE REPLACEMENT WARHEAD:** *Sean McDonald*—Special Scientific Advisor, Office of the Deputy Assistant to the Secretary of Defense for NCB/Nuclear Matters (NO Presentation)
- 1230 **CLOSING REMARKS:** *Dr. John Walter* (NO Presentation)