

**PRECISION STRIKE ASSOCIATION**

presents

**PRECISION STRIKE TECHNOLOGY SYMPOSIUM (PSTS-13)**

**PSTS-13 will be conducted at the SECRET/NOFORN Classification Level**

**22-24 OCTOBER 2013**

**KOSSIAKOFF CONFERENCE CENTER \* THE JOHNS HOPKINS UNIVERSITY  
APPLIED PHYSICS LABORATORY \* LAUREL, MD**

***Precision Strike in the New Strategic Environment at Home & Abroad***

PSA Programs Chair: Ginny Sniegon \* PSA Programs Vice-Chair: Lt Col Darien Hammett, USAF

Tri-Chairs: Dr. John Walter (Day 1)—CAPT Larry Burt, USN (Ret) (Day 2)—Ken Britt (Day 3)

U.S. Military Advisors

Air Force: Col Mark Moore, USAF; Col Lenny D'Amico, USAF & Col Bob Valin, USAF

Army: LTC Ken Britt, USA (Ret)

Navy: CDR Scott Wilson, USN & MAJ Craig McDermott, USMC

Marine Corps: LtCol William Hendricks, USMC

The Joint Staff: Lt Col Ryan Nichols, USAF

**TUESDAY, 22 OCTOBER 2013**

**0700 CHECK-IN / CONTINENTAL BREAKFAST**

**0750 SYMPOSIUM WELCOME:**

**Suzy Kennedy**—Chairperson of the Board

**0755 JHU/APL WELCOME:**

**Timothy Galpin**—Assistant Director, Johns Hopkins University Applied Physics Lab

**0805 KEYNOTE ADDRESS—NATIONAL STRATEGY CHALLENGES & KILL CHAIN CHALLENGES IN THE A2AD ENVIRONMENT**

**Vice Admiral Scott Swift, USN**—Director Navy Staff, Chief of Naval Operations

**0845 SCIENCE & TECHNOLOGY CHALLENGES FOR THE ASIA-PACIFIC REGION:**

**Alan Shaffer**—Acting Assistant Secretary of Defense, Research & Engineering, OSD

**0915 MEETING PRECISION STRIKE CHALLENGES AND OPPORTUNITIES:**

**Rear Admiral Mat Winter, USN**—PEO for Unmanned Aviation and Strike Weapons, NAVAIR, Patuxent River

**1000 NETWORKING REFRESHMENT BREAK**

**1030 INTELLIGENCE SESSION:**

- **Session Chair—Scene Setter Overview:**  
**Richard Smith**—Senior Defense Intelligence Analyst for Technology Warning, DIA
- **China—Long Range Force Projections**  
**Lonnie Henley**—Senior Defense Intelligence Analyst for China, DIA
- **Chinese UGF Program**  
**Joshua Danny**—Underground Facility Analysis Center, DIA  
**Matthew Umhoefer**—Defense Resources & Infrastructure Office, DIA
- **Worldwide Threat Trends Affecting Major Acquisition Programs**  
**Chris Weuve**—Defense Technology & Long-Range Analysis Office, DIA

**1200 LUNCHEON—Kossiakoff Center Dining Room**

**1230 LUNCHEON ADDRESS—SUSTAINING U.S. GLOBAL LEADERSHIP:**

**Ambassador John R. Bolton**—American Enterprise Institute Senior Fellow & Former U.S. Ambassador to the United Nations

**1315 NEXT GENERATION AIR DOMINANCE:**

**Steve Waller**—Special Assistant for Air Dominance, Defense Advanced Research Projects Agency (DARPA)

**1345 AARGM—PROVEN & PLANNED SUPPORT OF AIR DOMINANCE & PRECISION STRIKE:**

**Darcy McGinn**—Chief Technology Officer, ATK Defense Electronic Systems

**1415 THE OPERATIONAL KILL CHAIN—J38 TARGETING:**

**Lieutenant Colonel Steven Lindquist, USAF**—U.S. Cyber Command/J38

**1500 REFRESHMENT BREAK**

**1515 GEOSPATIALLY ENABLED TARGETING MATERIALS:**

**Lieutenant Colonel Jamil Syed, USAF**—Chief, Target Analysis & Support Branch, Precision Engagement Division, National Geospatial-Intelligence Agency (NGA)

**1545 DISTRIBUTED TARGETING SYSTEM ON F/A-18 SUPER HORNET:**

**Ray Walter** —Associate Tech Fellow, Boeing Military A/C, F/A-18 Mission Systems I&A  
**Dr. Eric Mason**—Boeing Military A/C, F/A-18 Mission Systems I&A

**1615 ISR SUPPORT IN A CHANGING DOD ENVIRONMENT:**

**Dyke Weatherington** —Director for Unmanned Warfare, S&TS, OUSD(AT&L)

**1700 EVENING RECEPTION WITH HEAVY HORS D'OEUVRES**

## WEDNESDAY, 23 OCTOBER 2013

**0700 CHECK-IN / CONTINENTAL BREAKFAST**

**0745 DIGITAL INTEROPERABILITY—OPTIMIZING THE KILL CHAIN:**

**Brigadier General Christopher Weggeman, USAF**—Deputy Director for C4/Cyber (J-6), The Joint Staff

**0815 ARMING CURRENT & NEXT GENERATION AIRCRAFT—COUNTER A2AD:**

**Dr. John Wilcox**—Director, Munitions Directorate, Eglin AFB

**0900 KEYNOTE ADDRESS—NEW PRECISION STRIKE CAPABILITIES FOR GLOBAL SOF NEEDS:**

**Lieutenant General Bradley Heithold, USAF**—Vice Commander, United States Special Operations Command (USSOCOM)

**0945 NETWORKING REFRESHMENT BREAK**

**1015 FUTURE JOINT FORCE DEVELOPMENT:**

**Brigadier General Jon Thomas, USAF**—Deputy Director, Future Joint Force Development (J-7), The Joint Staff

**1045 AIR-SEA BATTLE PANEL:**

**Moderator: Bill Dries**—Air Force Air-Sea Battle Team (AF/A5XS)

- **Air Force Perspective:**  
**Colonel Robert Valin, USAF**
- **Navy Perspective:**  
**Captain Phil DuPree, USN**
- **Marine Corps Perspective:**  
**Colonel Chip McLean, USMC**
- **Army Perspective:**  
**Colonel Jack Goetz, USA**

**1145 LUNCHEON—Kossdiakoff Center Dining Room**

**1215 RICHARD H. JOHNSON TECHNICAL ACHIEVEMENT AWARD CEREMONY:**

- Chairperson's Remarks
- Special Remarks
- Presentation of Fifth Award for Technical Excellence in the Field of Precision Strike  
**Dr. Gary Polansky**—Chief Engineer, Conventional Prompt Global Strike Programs, Sandia National Laboratories
- **Dr. Polansky's Remarks**

- 1300 STRATEGIC SHIFT—REBALANCING TO ASIA & DEFENSE STRATEGY ADJUSTMENTS:**  
**Dr. Linton Wells**—Director, Center for Technology & National Security Policy, National Defense University
- 1345 PRECISION STRIKE BOMBERS IN THE PIVOT TO THE PACIFIC:**  
**Colonel West Anderson, USAF (Ret)**—Director, Barksdale Field Office, Boeing
- 1430 REFRESHMENT BREAK**
- 1445 KEYNOTE SPEAKER—STRATEGIC POSTURE FOR REGIONAL DETERRENCE:**  
**Major General Garrett Harencak, USAF**—Assistant Chief of Staff for Strategic Deterrence & Nuclear Integration, HQ, USAF
- 1530 ELECTRONIC WARFARE CHALLENGES FOR THE ASIA-PACIFIC REGION:**  
**Jay Kistler**—Director for Electronic Warfare & Countermeasures, ASD(R&E)
- 1615 HOT SPOTS IN NORTH AFRICA:**  
**Speaker TBD**—J-5 Africa Desk
- 1700 ADJOURN**

**THURSDAY, 24 OCTOBER 2013**

- 0715 CHECK-IN / CONTINENTAL BREAKFAST**
- 0800 INTEGRATED INTELLIGENCE FOR PRECISION STRIKE:**  
**Pam McCue**—Deputy Director for Analytic Resources, Directorate for Analysis, DIA
- 0845 TESTING AGAINST HARD & DEEPLY BURIED TARGETS:**  
**Lieutenant Colonel Chris Anthony, USAF**—Military Assistant for Air Warfare Systems, Director, Operational Test & Evaluation, OSD
- 0915 FUTURE TECHNOLOGIES FOR HARD & DEEPLY BURIED TARGETS AND WMD DEFEAT:**  
**Dr. Bob Hastie**—Technical Director, Weapons & Capabilities Office, DTRA  
**Tom Lutton**—Lead, Target Assessment Technologies Office, DTRA
- 1000 REFRESHMENT BREAK**
- 1015 TECHNOLOGY TRANSFER FOR CONVENTIONAL PROMPT GLOBAL STRIKE:**  
**Dr. Jeffrey Isaacson**—Vice President of Defense Systems & Assessments, Sandia National Laboratory

- 1100 TOMAHAWK INTEROPERABILITY:**  
**Captain Joe Mauser, USN**—Tomahawk Program Manager (PMA-280), NAVAIR
- 1145 CONVENTIONAL PROMPT GLOBAL STRIKE & ITS SPECIAL ROLES:**  
**Greg Hulcher**—Director for Strategic Warfare, S&TS, OUSD (AT&L)
- 1215 LUNCHEON—Kossiakoff Center Dining Room**
- 1245 LUNCHEON ADDRESS—U.S. STRATEGIC NUCLEAR PERSPECTIVES:**  
**Dr. Peter Huessy**—President, Geostrategic Analysis
- 1330 NUCLEAR PANEL:**  
**Moderator: Steve Callicutt**—Director, Capability and Resource Integration (J-8), USSTRATCOM
- **Global Strike Requirements & Operations/Nuclear Deterrent & Triad Perspectives:**  
**Dr. Billy Mullins**—Associate Assistant Chief of Staff for Strategic Deterrence & Nuclear Integration, HQ USAF
  - **Naval Nuclear Systems Requirements and Investments:**  
**Captain Johnny Wolfe, USN**—Technical Director, Strategic Systems Programs (SP20)
  - **Sustaining the Nuclear Security Infrastructure:**  
**Steve Goodrum**—Assistant Deputy Administrator for Stockpile Management, National Nuclear Security Administration (NNSA)
  - **Nuclear Systems:**  
**Greg Hulcher**—Director for Strategic Warfare, S&TS, OUSD (AT&L)
  - **Nuclear Weapons Effects and Survivability:**  
**Dr. Michael Kuliasha**—Director of Nuclear Technologies, DTRA
- 1500 CLOSING REMARKS**