



EW Capability Gaps & Enabling Tech 2023

AGENDA

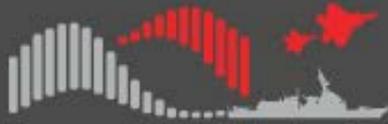
Day 1 & Day 2: **SECRET NOFORN**

Day 3: **TS/SCI**

May 16-18 | Crane, Indiana



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EW Capability Gaps & Enabling Tech 2023



ASSOCIATION
OF OLD CROWS

MAY 16-18

Crane, Indiana

AGENDA

(as of May 10, subject to change)

All sessions will be held at Lakeview Club, NSWC Crane, IN
Day 1 & Day 2: SECRET NOFORN
Day 3: TS/SCI

DAY 1: Tuesday, May 16 | **SECRET NOFORN**

- 0730 – 0830 **Networking Breakfast and Registration**
- 0830 – 0850 **Welcome and Opening Remarks**
Mr. Patrick R Flannagan, Conference MC, NSWC Crane
Dr. Kyle Werner, Deputy Technical Director, NSWC Crane
Mr. Dennis Monahan, AOC Board of Directors
- 0850 – 0930 **Keynote: Ms. Marie Bussiere, SSTM, DASN RDT&E Digital Transformation Executive**
Enterprise Digital Battlespace (EDB)
- 0930 – 1010 **Mr. Stephen J "Big Mac" McNamara, USSTRATCOM/J3E/JEWC Technical Director**
JEWC EMSO Update
- 1010– 1030 **Networking Break; Exhibits Open**
- 1030 – 1200 **Microelectronics in Electronic Warfare Capabilities**
Panel Chair: Dr. William Conley, Chief Technology Officer, Mercury Systems
Panelists: Mr. Jerry Gerace, EW Deputy Division Manager, Leidos
 Mr. Adam Miller, Program Officer, Office of Naval Research
- 1200 – 1300 **Lunch & Networking**
- 1300 – 1340 **Afternoon Keynote: Dr. Howard Meyer, AFRL Senior Advisor to AF Futures**
Shaping the Technological Future of the USAF
- 1340 - 1420 **Dr. Michael Zatman, JHU-APL Transformational Projects Office**
Challenges of Command & Control of EW in Multi-Domain Operations
- 1420 - 1500 **Dr. Mark H. Smith, Georgia Tech Research Institute**
Mission Architecture for New Capabilities
- 1500 – 1530 **Networking Break; Exhibits Open**
- 1530 – 1610 **Mr. Bryan Clark, Hudson Institute**
EP as the Heart of EMW
- 1610 - 1625 **Mr. Dennis Monahan, AOC Board of Directors**
AOC Future 5 Recognition, Mr. Ryan Loehrlein
- 1625 - 1635 **Conference Wrap-up**
Patrick R Flannagan, President, AOC Crane Roost
- 1730 - 2000 **Networking Reception***
Yogi's Bar & Grill, 302 North Walnut St., Bloomington, IN 47404

DAY 2: Wednesday, May 17 | **SECRET NOFORN**

- 0730 – 0830 **Networking Breakfast and Registration**
- 0830 – 0845 **Welcome and Opening Remarks**
Patrick R Flannagan, Conference MC, NSWC Crane
Mr. Zahid Din, Spectrum Department Manager, NSWC Crane
- 0845 – 0930 **Keynote: Dr. Jeffrey Boksiner, US Army DEVCOM C5ISR**
Army EW S&T Overview
- 0930 - 1010 **Mr. Robert "Ice" Gamberg, NSWC Crane and Ms. Sondra Laughlin, NSWC Crane**
Silent Swarm 23
- 1010 - 1050 **Networking Break**
- 1050 – 1120 **Dr. Themistoklis "Tim" Andreadis, Naval Research Lab, Tactical EW Division**
Relocatable High-Power EW System for Land Defense
- 1120 - 1200 **Ms. Jennifer Blanchette, NIWDC, EW Mission Area**
AN/SLQ-32 & Combat System Interoperability
- 1200 - 1300 **Lunch & Networking**
- 1300 – 1340 **Dr. William "Dollar" Young, RVJ Institute**
A Theory of EMS-Based Advantage: Providing the "Why" Behind Capability Gaps & Enabling Tech
- 1340 - 1410 **Dr. Jimmy "Rev" Jones**
- 1410 – 1440 **Networking Break**
- 1440 – 1630 **Technical Papers**
- Dr. George Elias, Chief Systems Engineer, L3Harris Technologies, Inc.**
EMSO Concepts & Enablers for Expanded USV Operations
- Mr. Michael Weitalla, Senior Principal Systems Engineer, Raytheon Technologies**
Electromagnetic Battle Management for the 22nd Century
- Mr. Karl Hart, Mechanical Engineer Principal, Huntington Ingalls Industries and**
Mr. Travis Swart, EW Systems Analyst, Huntington Ingalls Industries
Realizing an EMSO Family of Systems
- Ms. Melinda Tourangeau, RVJ Institute, Inc. and Dr. James L. Stewart, NSWC Crane**
Unconventional CCD (Camouflage, Concealment and Deception) for Naval Operations
- 1610 – 1630 **Conference Wrap-up:**
Mr. Patrick R Flannagan, President, AOC Crane Roost
Mr. Dennis Monahan, AOC Board of Directors

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This agenda item listing does not constitute an endorsement or favoritism towards the sponsor of the social. It is merely an attempt to provide information to government employees concerning this event.

*DISCLAIMER REGARDING ATTENDANCE BY DOD PERSONNEL

The social event may qualify as a Widely Attended Gathering (WAG) pursuant to 5 C.F.R. § 2635.204(g). An Agency Designee is now required to provide a written determination of interest before a Government employee can accept the gift of free attendance at a social event. All personnel must consult with their supervisor and ethics advisor prior to attending.

- 0730 – 0830 **Networking Breakfast and Registration**
- 0830 – 0840 **Security Training and Brief:** SSO, NSWC Crane
- 0840 – 0920 **Keynote: Dr. Brent Laird, SES, Laboratory for Telecommunication Sciences**
RF Machine Learning
- 0920 – 1000 **Mr. Steven Bristow, Amentum and Naval Information Warfighting Development Center (NIWDC)**
The New-COTS, a New Environment for Global Military Operations
- 1000 – 1020 **Networking Break**
- 1020 – 1100 **Mr. Connor Brashar, Principal Engineer, Navigation Warfare, Sandia National Laboratories**
Advanced and Future Threats to GPS Navigation
- 1100 – 1140 **Mr. David Dowgiallo, Electronics Engineer, Naval Research Laboratory**
Activity Overview of the Passive Microwave Sensing Section, Remote Sensing Division of the Naval Research Laboratory
- 1140 – 1220 **Dr. Jon Ward, JHU/APL and LCDR Jonathon "Zoloft" Parry, Advanced Development Deputy Program Manager, PMA-234**
Rapidly Addressing Gaps with SPIN
- 1220 – 1230 **EW Conference Wrap-up**
Mr. Patrick R Flannagan, President, AOC Crane Roost

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