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# 11<sup>th</sup> Annual ELECTRONIC WARFARE Capability Gaps and Enabling Technologies Conference



*Achieving Freedom to Maneuver via Non-Kinetic Capabilities*

14 – 16 MAY 2019 | Crane, IN



ASSOCIATION  
of OLD CROWS

## AGENDA

All sessions will be held at Club Lakeview, NSWC Crane, IN

Day 1 & Day 2: **SECRET**  
Day 3: **TOP SECRET / SCI**



### DAY 1: Tuesday, 14 May | **SECRET**

- 0700 – 0800      **Networking Breakfast and Registration**
- 0800 – 0810      **Welcome: Dr. Brett Seidle, SES, Technical Director NSWC Crane**
- 0810 – 0820      **Security Briefing: Ms. Stacey Mervyn, Chief Strategist for EW, NSWC Crane**
- 0820 – 0835      **AOC Welcome & Perspectives**  
Mr. Rich Wittstruck, AOC Vice President
- 0835 – 0920      **Keynote Address: State of EW for Department of Defense**  
TBA
- 0920 – 0940      **NSWC Crane Tours Overview**  
Ms. Stacey Mervyn, NSWC Crane
- 0940 – 0955      **Networking Break**
- 0955 – 1025      **IW in the face of the Great Power Competition**  
CDR Richard Froderman, OPNAV N2N6F
- 1025 – 1055      **N98 Naval Aviation EW Requirements Portfolio**  
CDR Michael "PKP" Paul, OPNAV N98
- 1055 – 1125      **USMC Information Warfare and EW Requirements**  
LtCol Jeffrey "Squeel" Kawada, USMC, Information Warfare Integration
- 1125 – 1155      **AF EW Requirements for Future Relevance**  
COL Ryan "Rhino" Conner, Air Force EW

1155 – 1300	<b>Lunch &amp; Networking</b>
1300 – 1340	<b>Afternoon Keynote Address: <i>Future EW Requirements for Strategic Advantage</i></b> Mr. Bryan Clark, CSBA
1340 – 1540	<b>Service EW S&amp;T Roadmaps Panel</b> Chair: Mr. Tom Dalheim, SSTM for Advanced EW, NSWC Crane Panel Member: Dr. Dan Green, ONR Panel Member: Mr. Dale Parsons, AFRL Panel Member: Dr. Jeff Boksiner, US Army CCDC C5ISR I2WD
1540 – 1555	<b>Networking Break</b>
1555 – 1625	<b>S&amp;T Roadmap for C-IED</b> Mr. Robert Kauffeld, SEA 06 EXM PMS 408
1625 – 1655	<b>US Navy Counter UAS Overview</b> Mr. Chad Roney, NSWC Crane
1655 – 1700	<b>Conference Wrap-up:</b> Ms. Stacey Mervyn, Chief Strategist for EW, NSWC Crane
1800 – 2000	<b>Social*, Bloomington</b>

## DAY 2: Wednesday, 15 May | **SECRET**

0700 – 0800	<b>Networking Breakfast and Registration</b>
0800 – 0810	<b>Welcome:</b> Mr. Zahid Din, SSTM, Director, Spectrum Warfare Systems Dept Director, NSWC Crane
0810 – 0820	<b>Security Briefing:</b> Mr. Dustin Wilson, SAIC
0820 – 0900	<b>Keynote Address: <i>Agility in Acquisition to Meet Warfighter Requirements</i></b> <i>BGEN Frank Kelley, USMC (Ret), Defense Acquisition University</i>
0900 – 0930	<b>DARPA Initiatives</b> Dr. Paul Zabolocky, DARPA
0930 – 0945	<b>Networking Break</b>
0945 – 1015	<b>Update on Fleet Design and Distributed Maritime Operations</b> (Invited) CDR Roy Wilson / Mr. Ron Raymer, (US FFC)
1015 – 1045	<b>NIFC-EW, CONOPs for an Integrated Non-Kinetic Capability</b> Mr. Steve Mervyn, Technical Director EW MAD, NIWDC
1045 – 1115	<b>Distributed EW</b> Dr. Sean Kaiser, NSWC Crane
1115 – 1145	<b>RTSO Program Status</b> LCDR Keith Gehrke, OPNAV N2N6F3
1145 – 1225	<b>Lunch &amp; Networking</b>
1225 – 1410	<b>NSWC Crane Tours</b> Tours of Electronic Warfare, Expeditionary Warfare and Strategic Mission Areas

1410 – 1610 **Panel: Challenges and Opportunities in Implementation of Artificial Intelligence in Electronic Warfare**  
Panel Chair: Dr. Randall Walker, OPNAV N2N6F33, EMW Technical Liaison  
Panel Member: Mr. Paul Tilghman, DARPA  
Panel Member: Mr. Harry Dreany, Marine Corps Warfighting Lab  
Panel Member: Mr. Brett Eddinger, US Army Futures Command  
Panel Member: Dr. Vasu Chakravarthy, AFRL  
Panel Member: Dr. Daniel Green, ONR

1610 – 1625 **EW Conference Wrap-up:** Mr. Jim Hearn, President, AOC Crane Roost

1800 – 2000 **Social\*, Bloomington**

### **DAY 3: Thursday, 16 May | *TS/SCI***

0700 – 0800 **Networking Breakfast and Registration**

0800 – 0810 **Security Training and Brief:** Mr. Michael McKim, SSO NSWC Crane

0810 – 0915 **China Sea Power Forum**  
LCDR John Rainwater, ONI

0915 – 0930 **Networking Break**

0930 – 1000 **ONI Update on Counter ISR-Targeting**  
TBD, ONI

1000 – 1030 **Threat Updates**  
TBD, NASIC

1030 – 1100 **IW in the face of the Great Power Competition**  
CDR Richard Froderman, N2N6F

1100 – 1145 **Tactical Aircraft Complex Emitter Study Gaps and Findings**  
Mr. Andrew “Skirt” Mickley, MTSI

1145 – 1205 **Networking Break & Boxed Lunch Distribution**

1205 – 1235 **Working Luncheon: Counter ISR-T Initiatives**  
Mr. Tim Bradley, Chief Scientist for IR Countermeasures, NSWC Crane

1235 – 1305 **PMA-234 Advanced Development Initiatives**  
Mr. Jon Ward, JHU/APL

1305 – 1335 **Naval CONEMPS Working Group**  
Mr. Derek Leney, NSWC Crane

1335 – 1345 **EW Conference Wrap-up:** Ms. Stacey Mervyn, Chief Strategist for EW, NSWC Crane

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