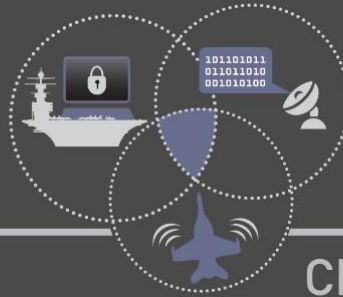


# 9<sup>th</sup> Annual Cyber/ Electronic Warfare Convergence Conference



ASSOCIATION  
OF OLD CROWS

5-7 JUNE 2018

Charleston, SC

## 2018 Conference Theme:

### *EW/Cyber Integration, ISR, and Fires Across Full-Spectrum Conflict*

Collaborative Electronic Warfare is driving mission planning to a new reality. To achieve efficient coordination with and tasking of distributed and cognitive networked EW systems, mission planning needs to be capable of working with multiple disparate systems before, during, and after a mission. The challenges of enabling dynamic resource allocation by EW operators working with unmanned and cognitive systems at the tactical to operational levels need to be addressed. Improvements in the testing, modeling, training and demonstration of collaborative EW systems against modern/next gen threats is essential to gaining and maintaining advantage in EW. Advancements in the Live Virtual Constructive infrastructure as well as collaboration with the gaming and other related commercial industries are examples of areas to be explored.



## Post-Conference Information

A list of speaker email addresses (as approved for release) is available at the registration desk. Please contact speakers directly for questions about their briefing.

In an effort to assess this conference and the quality of future events, please take a moment to fill out the survey. The survey will be distributed Thursday via email. Your feedback is crucial in continuing essential events.

### Association of Old Crows

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# Agenda

As of June 2, 2018 - Subject to Change

## Tuesday, June 5

08:00 – 09:00 Continental Breakfast and Registration

### Session 1 – General - Unclassified

09:00 – 09:05 **Mr. Richard F. Nelson, President, Palmetto Roost Chapter, AOC**  
*Opening Remarks*

09:05 – 09:10 *Posting of the Colors & The Pledge of Allegiance*

09:10 – 09:15 **Mr. James Ward, Scientific Research Corporation**  
*Welcome Remarks*

09:15 – 09:30 **Mr. Glenn “Powder” Carlson, AOC**  
*Remarks from AOC International*

09:30 – 10:15 **Major General (Ret) Michael Regner, USMC, Senior Strategy Mentor USMC; Consultant, Expeditionary Operations and Technology, SPAWAR; Senior Government Affairs Director, Marine Corps League**  
*Keynote Speaker - Combat Leadership*

10:15 – 10:35 *BREAK*

10:35 – 11:20 **Lieutenant General (Ret) David Deptula, Dean, Mitchell Institute of Aerospace**  
*Keynote Speaker – The Future of Warfare: EW/Cyber Changing the Paradigm*

11:20 – 12:25 *LUNCH*

### Session 2 – Cyber/EW Convergence Doctrine & Policy

12:25 – 12:30 *SSO Security Briefing*

12:30 – 13:15 **Mr. Gregg Kendrick, SES, Executive Director, MARFORCYBER**  
*Keynote Speaker - Cyber Ops and how it relates to Joint Inter-Agency Task Force*

13:15 – 14:00 **Dr. Jonathan Smith, Program Manager, DARPA**  
*2+2=5*

14:00 – 14:15 **Captain Scott Heller, Commanding Officer, SPAWAR Systems Center Atlantic**  
*SPAWAR Welcome*

14:15 – 14:30 *BREAK*

14:30 – 15:15 **SFC Timothy Larkin, US Army, 135th Cyber Support Company**  
*Mobilized SCARNG assets in support of USCYBERCOM*

### Session 3 – Cyber/EW Converged Mission with Unmanned Systems

15:15 – 16:00 **LTC Kelvin Mote, U.S. Army Pacific, IO Plans Chief, Strategic Effects Directorate - IO (FXD-IO)**  
*Persistent Fury: Challenging Non-traditional Domains via Drone Convergence*

16:00 – 16:45 **Panel Discussion/Q & A Session**

16:45 – 17:00 *Closing Remarks*

17:30 – 20:00 **Social, Harbour Club Rooftop Terrace – Hosted by SRC**

## Wednesday, June 6

- 08:00 – 09:00 Continental Breakfast and Registration
- 09:00 – 09:15 **Mr. Richard Nelson - Master of Ceremonies**  
*Opening Remarks*
- 09:15 – 09:20 *SSO Security Briefing*
- 09:20 – 09:30 **Mr. Chris Miller, Executive Director, SPAWAR Systems Center Atlantic**  
*SPAWAR LANT Welcome*
- 09:30 – 10:15 **Mr. Jeffrey Harris, CEO, JKH Consulting, LLC; Board Chairman USGIF, Former Assistant Secretary of the Air Force for Space; Director, National Reconnaissance Office**  
*Keynote Speaker*
- 10:15 – 10:30 *BREAK*

### Session 4 – Cyber/EW Convergence Training Impacts

- 10:30 – 11:15 **Colonel Mark Dotson, TCM-EW, US Army Cyber School, Cyber Center of Excellence**  
*Convergence and What it Means for Capability Development*
- 11:15 – 12:00 **Mr. William (Bill) R. Taylor, Division Chief, USARMY RDECOM Cyber Offensive Operations Division**  
*Integrated Cyber/EW/SIGINT approach within Army*
- 12:00 – 13:00 *LUNCH*

### Session 5 – Cyber/EW Converged Operations

- 13:00 – 13:45 **Mr. Michael A. Ducharme, NRO**  
**Dr. Daniel L. Lough, NRO**  
*Classified Briefing*
- 13:45 – 14:30 **Ms. Valerie Kulesza, Cyber Threat Analyst, National Air & Space Intelligence Center**  
**Mr. Jeremy Malchow, EW Analyst, National Air & Space Intelligence Center**  
*NASIC's Cyber/Electronic Warfare Threat Trilogy*
- 14:30 – 14:45 *BREAK*
- 14:45 – 15:30 **Mr. John Marzano, Deputy Chief, Joint Overhead/ISR Operations**  
*Joint Overhead/ISR Operations (JOIO) Overview*
- 15:30 – 16:15 **Q & A Session**
- 16:15 – 16:30 *Closing Remarks*
- 17:30 – 19:45 **Social, 5 Church Restaurant – Hosted by BAE Systems and Norseman Defense Technologies**

## Thursday, June 7

- 08:00 – 09:00 Continental Breakfast and Registration
- 09:00 – 09:05 *SSO Security Briefing*
- 09:05 – 09:50 **Major John "Wes" Barron, USAF, Chief, EW Systems Requirements Branch, U.S. Strategic Command (USSTRATCOM), Joint Electronic Warfare Center (JEWEC), Electronic Warfare Requirements (EWR)**  
*JEMSO Update*
- 09:50 – 10:35 **Melody A. Johnson, Team Lead, Air Force Range Oversight, Test Resource Management Center**  
*Common Threat Model Effort*
- 10:35 – 10:45 *BREAK*

**Session 6 – Cyber/EW Advanced Technology**

- 10:45 – 11:30      **Captain Brian Luke, Commanding Officer, Navy Cyber Warfare Development Group (NCWDG)**  
*NCWDG Cyber/EW Develop-to-Deploy Efforts*
- 11:30 – 12:15      **Mr. Justin Sellers, Supervisor, Software Defined Radio, SPAWAR**  
*Redhawk Briefing*
- 12:15 – 13:15      *LUNCH*
- 13:15 – 14:00      **Mr. Giorgio Bertoli, SSTM Cyber Technologies, US Army RDECOM/CERDEC**  
*Highly Distributed Sensors (HDS) "Skittles"*
- 14:00 – 14:15      *BREAK*
- 14:15 – 15:00      **Dr. Jon Ward, Engineer, Johns Hopkins University Applied Physics Laboratory**  
**Mr. Mike Ream, Chief Engineer, Johns Hopkins University Applied Physics Laboratory**  
*A Methodology for Analyzing EW/Cyber Technical Requirements*
- 15:00 – 15:45      **Colonel (Ret) Chris Glaze, USAF, President, Third Wave Strategies**  
*DARPA's Cognitive EW Programs*
- 15:45 – 16:00      **Mr. Richard F. Nelson – President, Palmetto Roost Chapter, AOC**  
*Conference Closing Remarks*

**Thank you to our sponsors for making this event possible**

