



## Cyber Electro-Magnetic Activity 2018

Sessions will be held at the classified levels up to TS/SCI releasable to Five Eyes.  
(as of 17 October; subject to change)

**Tuesday, October 23**

APG C4ISR Campus, Myer Auditorium, Bldg 6000

0700 – 0800      **Continental Breakfast and Registration in The Raven's Networking Tent**

### Session 1: General

0800 – 0810      **Posting of the Colors**

**0810 – 0820      Welcome, Administrative Briefing & Conference Preview**  
**Mr. Giorgio Bertoli & Mr. Rod Knecht, Conference Co-Chairmen**

0820 – 0840      **Mr. Larry M. Muzzello, Deputy to the Commanding General, Aberdeen Proving Ground**  
*Opening Remarks*

0840 – 0900      **Ms. Lisa K. Frugé-Cirilli, AOC President**

0900 – 0950      **Major General John B. Morrison, Jr., Commanding General, U.S. Army Cyber Center of Excellence**  
*Keynote Address – Building Capacity and Integrating Capabilities*

0950 – 1030      **Networking Break in the Raven's Networking Tent**

1030 – 1130      **Lieutenant General Joseph Anderson, Deputy Chief of Staff of the Army, G-3/5/7**  
*Operationalizing and Institutionalizing CEMA in the Army - from a senior maneuver (Div and Corps) Commander - CJFLCC/JTF Commander Perspective.*

1130 – 1240      **Lunch in the Raven's Networking Tent**

### Session 2: PEO IEW&S Way Ahead

1240 – 1250      **Opening Remarks & Security Briefing**  
**Session Chair: Mr. William Utroska, DPM EWI**

1250 – 1330      **Major General Kirk F. Vollmecke, Program Executive Officer for Intelligence, Electronic Warfare and Sensors (PEO IEW&S) Aberdeen Proving Ground, MD**  
*How Agile Acquisition Serves the Cyber Evolution*

1330 – 1410      **COL Kevin Finch, PM EW&C**  
*PM EW&C Overview of recent prototyping effort and urgent materiel deliveries*

1410 – 1450      **Mr. Mark O'Neill, Product Director, PM Sensors - Aerial Intelligence**  
*Long Range Radar (LRR)*

1450 – 1530      **Break in the Raven's Networking Tent**

- 1530 – 1540 **Ms. Deepika Cantella, CECOM G-2**  
*PNT Threat Brief*
- 1540 – 1610 **COL Nickolas Kioutas, PM, Positioning, Navigation and Timing Overview**  
*Positioning, Navigation and Timing Overview*
- 1610 – 1650 **COL Thomas Nguyen, PM DCGS-A**  
*DCGS-A Cyber Analytic Toolkit (D-CAT), and StormForce*
- 1650 – 1700 **COL(P) Robert Collins, Assistant, PEO IEWS**  
*Closing Remarks*
- 1730 – 2030 **Networking Reception at Ripken Stadium**  
*973 Long Drive, Aberdeen. MD 21001*

## **Wednesday, October 24**

APG C4ISR Campus, Myer Auditorium, Bldg 6000

- 0715 - 0820 **Continental Breakfast and Registration in The Raven's Networking Tent**
- 0820 – 0830 **Opening Remarks and Conference Update**  
**Mr. Giorgio Bertoli and Mr. Rod Knecht, Conference Co-Chairmen**
- 0830 – 0900 **Mr. Giorgio Bertoli, U.S. Army Communications-Electronics Research, Development and Engineering Center**  
*CERDEC*
- 0900 – 0930 **Brigadier General Jennifer G. Buckner, Director of Cyber G-3/5/7, U.S. Army**  
*Keynoter*
- 0930 – 1000 **Break in the Raven's Networking Tent**

### **Session 3: CEMA S&T activities**

- 1000 – 1010 **Session Chair: Dr. Jeff Boksiner**
- 1010 – 1030 **Mr. Kyle Davidson, Chief Electronic Warfare Engineer Surveillance and Intelligence, MDA**  
*Understanding and Designing Formation Jamming Attacks*
- 1030 – 1050 **Mr. Wesley Wang, Precision Armaments & Intelligent Sensors Division U.S. Army – ARDEC**  
**Mr. Sagor Hoque, US Army CERDEC I2WD**  
*Disruptive Cyber and EW Rounds (DiCER)*
- 1050 – 1110 **Mr. Jason Dirner, CERDEC I2WD**  
*Every Receiver a Sensor*
- 1110 – 1130 **Dr. Thomas Stadterman, Survivability/Lethality Analysis Directorate, U.S. Army Research, Development and Engineering Command**  
*ARL's Cyber and Electromagnetic Technology in Complex Environments (CETCE) Essential Research Program (ERP) Overview*
- 1130 – 1230 **Lunch in the Raven's Networking Tent**

### **Session 4: CEMA Threats & Doctrine**

- 1230 – 1235 **AOC Awards Presentation**

- 1235 – 1245     **Opening Remarks & Security Briefing**  
**Session Chair: Mr. Adam Bogner**
- 1245 – 1305     **Mr. Matthew Hunter, Technical advisor for Doctrine, Lessons and Best Practices at the Cyber Center of Excellence**  
*Cyberspace and Electronic Warfare Doctrine for Multi-Domain Operations*
- 1305 – 1325     **COL Steve Oatman, Director, FORSCOM G-39, US Army Forces Command**  
*It's been a Marathon, not a Sprint!*
- 1325 – 1345     **Mr. Andrew Mundy, Defense Research and Development Canada**  
**Ms. Linda Holtby, Dstl**  
**Mr. Barry Bolton, I2WD CERDEC**  
*NAVWAR Situational Awareness – from EW to CEMA*
- 1345 – 1445     **Major General Gary Johnston, Commanding General, INSCOM**  
*Keynoter*
- 1445 – 1510     **Break in the Raven's Networking Tent**

**Session becomes TS//REL//FVEYS**

- 1510 – 1520     Security Remarks for TSCI
- 1520 – 1550     **Mr. Mike Lombardi, Director (A) I2WD**  
CEMA support to LRPF
- 1550 – 1610     **Mr. Dustan Hellwig, Chesapeake Technology International**  
*CEMA Planning, Execution, and Review on Government Open Platforms*
- 1610 – 1630     **Mr. Nicholas Lyons, Standoff Munitions Application Center (SMAC)**  
*Survivability of Standoff Weapons*
- 1630 – 1650     **Dr. Boris Gelfand, Electronic Warfare Associates**  
*Analog Attacks Against Cyber-Physical Systems*
- 1650 – 1710     **Mr. Kyle Yench, I2WD**  
*Stratomist Radio Emulation*
- 1730 – 2030     **Networking Reception in Historic Havre de Grace**  
*Vandiver Inn, 301 S Union Ave, Havre De Grace, MD 21078*

**Thursday, October 25**

APG C4ISR Campus, Myer Auditorium, Bldg 6000

- 0715 – 0755     **Continental Breakfast and Registration in The Raven's Networking Tent**
- 0755 – 0800     **Welcome, Administrative Briefing and Conference Update**  
**Mr. Giorgio Bertoli and Mr. Rod Knecht, Conference Co-Chairmen**
- 0800 – 0900     **Lieutenant General Stephen G. Fogarty, Commanding General, U.S. Army Cyber Command**  
*Keynoter*

**Session 5: Open Architecture & AI**

- 0900 – 0910     **Session Chair: Mr. William Taylor, Chief, CO2 Division, I2WD**

- 0910 – 0930     **Mr. Mike Russell, SRC Inc.**  
*CEMA 2018: SFTI - Indications and Warnings*
- 0930 – 0950     **Mr. Aitzaz Nathaniel, I2WD CERDEC**  
*Intelligence is the Ability to Adapt to Change*
- 0950 – 1015     **Break in the Raven’s Networking Tent**
- 1015 – 1035     **Mr. Jay Mork, General Dynamics Mission Systems**  
*Fighting in Airwaves: The Need for Automation*
- 1035 – 1055     **Mr. Mike Lilienthal, Director of Cyber and Navy Programs EWA Government Systems**  
*The Employment of Wargaming Principles to Cyber Electromagnetic Activities*
- 1100 – 1220     **Panel Discussion - Network and Intelligence Systems Modernization**  
**Moderator: MG (R) Jennifer Napper, US Army**  
**Mr. Giorgio Bertoli, CERDEC**  
**Mr. Joseph Bucci, SES, DPEO IEW&S**  
**Dr. Portia Crowe, PEO C3T**  
**COL Joyce Stewart, ASA(ALT) Cyber Focal**  
**CWR Brian Wimmer, Army Futures Command, Network Cross Functional Team**
- 1225 – 1230     **Closing Remarks**  
**Mr. Giorgio Bertoli and Mr. Rod Knecht, Conference Co-Chairmen**
- 1230 – 1330     **Lunch at the Raven’s Networking Tent**

**Note:** the dress code for the CEMA Conference is business professional or military duty uniform (ACU). For the Monday CEMA Cell User Session event only, the dress code for all invitees is business casual (dress slacks/khakis/skirt and a button down dress shirt/blouse or polo). Evening network receptions are business casual.

## 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 post conference via email. Your feedback is crucial in continuing essential events.