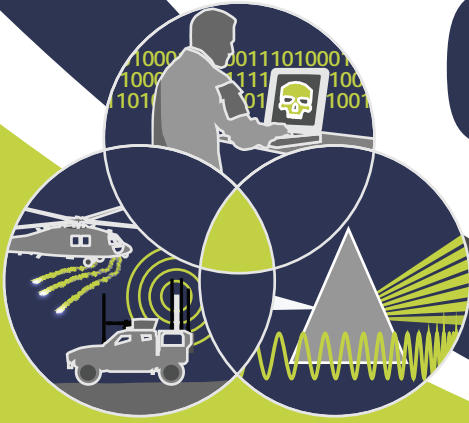


CEMA 2023

May 2–4, 2023 | Aberdeen Proving Ground, MD



ASSOCIATION
of OLD CROWS



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SUSQUEHANNA



**Spectrum Dominance –
Maneuvering as an “Inside” Force**

AGENDA

(As of April 25, subject to change)

Tuesday, May 2 – U.S. SECRET

- 0700 – 0800 **Continental Breakfast and Registration in the Raven’s Networking Tent**
- 0800 – 0805 **Posting of the Colors, Maryland National Guard and Free State Challenge Academy**
- 0805 – 0820 **Welcome, Administrative Comments and Security Briefing**
Mr. Giorgio Bertoli and Mr. Mike Schwartz, Conference Co-Chairmen
- 0820 – 0840 **MG Robert Edmonson, Commanding General, United States Army Communications-Electronics Command and Aberdeen Proving Ground**
Opening Remarks
- 0840 – 0915 **Mr. Mark Kitz, SES, PEO, Intelligence, Electronic Warfare & Sensors (IEW&S)**
Delivering EW and Spectrum Superiority
- 0915– 0950 **Mr. Joe Welch, SES, Director, C5ISR Center**
CEMA Protection & Survivability
- 0950 – 1030 **Break in the Raven’s Networking Tent**
- 1030 – 1100 **SGM Julie Guerra, HQDA ODCS G-2**
- 1100 - 1130 **Mr. Paul Stefanski, CTO, High Consequence Missions, Parsons Corporation**
Mr. Scott Asack, Senior Director Business Development, Parsons Corporation
Resolving EMSO Testing and Training Gaps
- 1130 – 1300 **Lunch and Networking in the Raven’s Networking Tent**
- 1300 – 1315 **Opening Remarks and Security Briefing**
- 1315 – 1345 **BG Paul Craft, Deputy Commanding General, Joint Force Headquarters – Cyber, U.S. Army Cyber Command**
JFHQ-C(A) Executive Overview
- 1345 – 1415 **Mr. Constantin Serban, Research Director, Peraton Labs**
Attack-resistant Provenance Tracking of Information Using Blockchain
- 1415 – 1445 **Mr. Giorgio Bertoli, Assistant Director, Spectrum Dominance & Intelligence, Research and Technology Integration Directorate, DEVCOM, C5ISR Center**
The Next Evolution of EW Technologies
- 1445 – 1515 **Break in the Raven’s Networking Tent**
- 1515 – 1545 **CPT Tucker Palmatier, TF Guardian (Iraq and Syria), 37th IBCT, US Army**
WarWalking (Wi-Fi Mapping)
- 1545 – 1615 **Mr. Ryan Fillman, Chief Rapid Applications Branch - FCDD-ISE-HGC, Engineering & Systems Integration Directorate, C5ISR Center**
Agile Meridian NAVWAR Sensor
- 1615 – 1645 **Mr. Apurva Shah, Electronics Engineer, DEVCOM C5ISR**
Precision RF-Enabled Access and Effects for the IoT Environment: Lessons Learned through Experimentation
- 1730 – 2000 **Networking Reception in Historic Havre de Grace**
Vandiver Inn, 301 S Union Ave, Havre De Grace, MD

Wednesday, May 3 – U.S. SECRET

- 0715 - 0800 **Continental Breakfast and Registration in the Raven’s Networking Tent**
- 0800 – 0815 **Opening Remarks, Conference Update and Security Briefing**
Mr. Giorgio Bertoli and Mr. Mike Schwartz, Conference Co-Chairmen
- 0815 – 0845 **LTG Maria Barrett, Commanding General, US Army Cyber Command**
Keynote Address
- 0845 – 0915 **MG Paul Stanton, Commanding General, US Army Cyber Center of Excellence and Fort Gordon**
Keynote Address
- 0915 – 0945 **Mr. Andrew Hofmaier, DEVCOM C5ISR Science Advisor to I Corps**
Signature Management of Distributed Command and Control Networks

- 0945 – 1000 **Mr. Mike Bowen, President, AOC Susquehanna Chapter**
Chapter Update
- 1000 - 1045 **Break in the Raven's Networking Tent**
- 1045 – 1115 **Mr. Bryan Clark, Senior Fellow, Hudson Institute**
Regaining the Spectrum Offensive: Using 5G Technology for Distributed Offensive EW
- 1115 – 1145 **Mr. Dean Driskill, CEMA Resiliency System Task Lead, Dynetics**
Lessons Learned from CEMA Exercises and Experimentation
- 1145 – 1215 **Mr. Michael Don, Electrical Engineer, US Army Research Lab**
Synergistic Deception in Swarm vs IADS Engagements
- 1215 - 1330 **Lunch and Networking in the Raven's Networking Tent**
- 1330 – 1400 **MG Jeth Rey, Director, Network Cross Functional Team (CFT)**
Mr. Nicholaus Saacks, SES, Deputy, PEO C3T
Network Resiliency: Supporting the Army of 2030
- 1400 – 1430 **CPT Tucker Palmatier, TF Guardian (Iraq and Syria), 37th IBCT, US Army**
GNSS Solutions in a Modern Battlefield
- 1430 – 1500 **Mr. Nicholas Vande Griend, NAVWAR Analyst, Army Capability Manager Space & High Altitude**
Navigation Warfare
- 1500 – 1530 **Break in the Raven's Networking Tent**
- 1530 – 1600 **Dr. Niraj Srivastava, General Manager & Vice President Pacific Defense**
Collaborative Multifunction/Multi-platform Open Architecture for Spectrum Dominance with Resilient Communications
- 1600 – 1630 **Mr. Ron Godlewski, Chief Technology Officer, Leonardo Electronics US Inc**
Application of AI-ML Techniques for ISR Tactical Assessments
- 1630 – 1700 **CW2 Julian DeJesus, 2nd Multi-domain Task Force, Germany**
CSM Danny Hurst, 2nd Multi-domain Task Force, Germany
2nd Multi-domain Task Force Overview, ARCANER THUNDER 23 Overview and System Matrix of Non-lethal Effects
- 1730 – 2030 **Networking Reception**
La Banque at the Seaplane Base, 309 St. John's Street, Havre de Grace, MD

Thursday, May 4 – U.S. SECRET

- 0715 – 0800 **Continental Breakfast and Registration in the Raven's Networking Tent**
- 0800 – 0815 **Welcome, Administrative Briefing, Conference Update and Security Briefing**
Mr. Giorgio Bertoli and Mr. Mike Schwartz, Conference Co-Chairmen
- 0815 – 0845 **Mr. Brian Hinkley, AOC President**
Welcome
- 0845 – 0915 **Ms. Heather Yager, Spectrum Dominance and Intelligence Research and Technology Integration (RTI) Directorate, DEVCOM C5ISR**
Achieving Ideal Performance in Coordinated Attacks
- 0915 – 1045 **Panel Discussion: Army Spectrum Superiority - The Road Ahead**
Moderator: Mr. Mike Ryan, AOC Director At Large
Mr. Ken W. Strayer, Project Manager Electronic Warfare & Cyber
COL Gary W. Brock, Army Capability Manager Electronic Warfare
Mr. Dennis A. Teefy, Project Director, Sensors-Aerial Intelligence
Mr. Giorgio Bertoli, Assistant Director, DEVCOM C5ISR/RTI Network and Spectrum Dominance
COL Jason Meisel, Army Capability Manager, Intelligence Sensors
- 1045 – 1115 **Break in the Raven's Networking Tent**
- 1115 – 1145 **Mr. Raymond Reyes, Joint Electromagnetic Warfare Center**
The CEMA Cell Assuming JTF JEMSOC HQ Responsibilities
- 1145 – 1200 **Closing Remarks**
Mr. Giorgio Bertoli and Mr. Mike Schwartz, Conference Co-Chairmen
- 1200 - 1245 **Lunch and Networking in the Raven's Networking Tent**



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Thursday, May 4 – **TS/SCI CLASSIFICATION***

*Networking in the Raven's Networking Tent for those unable to attend TS//SCI

- 1245 – 1300 **Mr. Laurence Mixon, DISL, Senior Intelligence Advisor, PEO IEW&S**
Opening Remarks
- 1300– 1315 **Opening Remarks and Security Briefing**
Session Chair: Mr. Fran Orzech, Chief, Technology Management Division, PM EW&C
- 1315– 1345 **Mr. Justin Domnitz, Electronic Warfare Engineer, Parsons Corp**
CEMA in the 2030's
- 1345 – 1415 **Mr. Sean O'Hara, SRC Inc.**
Advanced Machine Intelligence for Situational Understanding in Complex and Congested Environments (Development and Mission Integration)
- 1415 – 1445 **Mr. Jeff Barczak, DEVCOM C5ISR Center**
Trojan Nex Gen
- 1445– 1500 **Break in the Myer Auditorium Lobby**
- 1500 – 1530 **Mr. Wayne Larsen/Mr. Charles Fisher, Joint Technical CG for Munitions Effectiveness**
COLE Center Threatcapes
- 1530– 1600 **Ms. KC Cowan, DEVCOM C5ISR Center**
Training Reinforcement Learning Algorithms in Virtual Environments
- 1600 – 1630 **Mr. Matthew Copeland, Electrical Engineer, Spectrum Dominance and Intelligence Research and Technology Integration (RTI) Directorate" DEVCOM C5ISR**
Degrading Adversarial Targeting Confidence
- 1630 – 1645 **Closing Remarks**
Mr. Giorgio Bertoli and Mr. Mike Schwartz, Conference Co-Chairmen

Note: the dress code for the CEMA Conference is business professional or military duty uniform (ACU). Evening network receptions are business casual.

JOIN US

Welcome Reception

Monday, May 1 | 5:30 – 7:30 PM

Water's Edge Event Center

4687 Millennium Dr, Belcamp, MD 21017

Sponsored by CACI

Networking Reception

Tuesday, May 2 | 5:30 – 8 PM

Vandiver Inn

301 South Union Avenue, Havre de Grace, MD 21078

Sponsored by Parsons

Networking Reception

Wednesday, May 3 | 5:30 – 8 PM

La Banque at the Seaplane Base

309 St. Johns Street, Havre de Grace, MD 21078

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