

Warfighter Information Advantage Symposium

FEBRUARY 4-5, 2025



Augusta, GA

Georgia Cyber Center | Plug and Play Auditorium | Augusta, GA

DRAFT AGENDA

(Subject to Change)

Symposium Theme:

EW Reenergized - The Army Phoenix Taking Its Place in the Joint / Coalition Fight

The inaugural Warfighter Information Advantage Symposium addresses the synergies of Signal, Cyber, and EW and their critical role in creating and exploiting information advantages as a key aspect of multidomain operations. With the Army experiencing a rebirth and transformation of EW after decades of absence, this novel forum will focus on the combat development aspects of fighting and maintaining an advantage in the electromagnetic environment. Emphasis on evolving DOTmLPF-P, new and emerging requirements, training, education, experimentation, game-changing operational capabilities, and force modernization will make this a unique venue for government, military, industry, and academia to exchange insights and collaborate on the way forward.

Tuesday, February 4, 2025

US Secret

Sessions 1 & 2

0830 – 1700

Wednesday, February 5, 2025

US Secret

Sessions 3 & 4:

0830 – 1700

Agenda

Tuesday, February 4

All sessions will be at the US Secret Only Classification

0745 – 8:30 **Coffee and Registration**

Session 1 – WIAS Opening and Strategic Updates

0830 – 0840 **Dr. Jacob Cox, Symposium Chairman, Green Jacket Roost Chapter President**
Posting of the Colors
Security Briefing

0840 – 0900 **Mr. Tony Lisuzzo, President, Association of Old Crows**
AOC International Update

0900 – 0930 **MG Jake Kwon, Director of Strategic Operations, G – 3/5/7**
Overview of Information Advantage and How We Get There

0930 – 1000 **COL John Agnello, Director, Army Program Office - Information Advantage, U.S. Army Cyber Center of Excellence**
Information Advantage: Real World Experimentation and The Future of Cross Domain Effects

1000 – 1015 **BREAK**

1015 – 1100 **LTG Jeth B. Rey, Deputy Chief of Staff, G6**
Keynote Address

1100 - 1215 **Panel Discussion: Achieving Information Advantage During Large Scale Combat Operations**
Moderator: Mr. Fred Dixon, Vice President, Corvus Consulting
MG Stefanie Horvath, Deputy Commanding General, Army National Guard
COL John Agnello, Director, Army Program Office - Information Advantage, U.S. Army Cyber Center of Excellence
COL Bradley Loudon, Director, Force Modernization Proponent Center
COL Ryan Keating, HQDA G-3/5/7/ DAMO-SOI
Mr. Aaron Pearce, Chief, G39 U.S. Army Cyber Command

1215 – 1330 **LUNCH**

Session 2 – Information Advantage and Technological Integration in Modern Warfare

1330 – 1400 **MG Ryan Janovic, Commanding General, U.S. Army Cyber Center of Excellence**
Keynote Address

1400 – 1430 **Ms. Samantha Zaydman, Senior Research Engineer, Georgia Tech Research Institute (GTRI)**
Rapid MD Reprogramming - EW ops in the future fight

1430 – 1500 **Mr. David Pinckley, Deputy Director, All-Domain Sensing (ADS) Cross-Functional Team (CFT)**
All-Domain Sensing Cross-Functional Team Update

1500 – 1515 **BREAK**

1515 – 1545 **COL Stephen Hamilton, Associate Professor, Electrical Engineering and Computer Science Dept, West Point**
Leveraging Information to Enhance Electromagnetic Sensing

1545 – 1615 **Mr. CJ Dixon, Senior Vice President for Growth and Partnerships, Americas M&C Saatchi World Services**
At the Intersection of Cyber and Narrative: Information Advantage or Confusion and Dysfunction in DoD and LSCO?

1615 – 1645 **COL John Hosey, Chief of Cyber and Commandant, U.S. Army Cyber School**
Integrating Signal, Cyber, and EW for IA In Multidomain Operations

1645 – 1700 **Closing Remarks**

Wednesday, February 5

All sessions will be at the US Secret Classification

0745 – 0830 Coffee and Registration

Session 3 – Advancing IA/EW Capabilities: Insights and Innovations

0830 – 0845 Dr. Jacob Cox, Symposium Chairman
Opening Remarks

0845 – 0915 **BG Mark D. Miles, Deputy Commanding General, U.S. Army Cyber Center of Excellence (CCOE)**

0915 – 0945 **Mr. David May, Senior Intelligence Advisor, CCoE**
IA Threat Picture: Adversary Capabilities and Lessons Learned from the Field

0945 – 1015 **Mr. Lyle Lair, HPM Project Manager/ Electrical Engineer, NAVAIR**
Novel High-Power Microwave (HPM) solutions

1015 – 1030 **BREAK**

1030 – 1100 **Mr. Aaron Pearce, Chief, G39 U.S. Army Cyber Command**

1100 – 1130 **Dr. Bob Ross, Hub Director, Cyber Fusion Innovation Center**
DoD Innovation in the Information Advantage Space

1130 – 1200 **Mr. William Glover, Southwest Research Institute (SwRI)**
Dominate the Spectrum with Rapidly Reconfigurable Open Systems

1200 – 1310 **Lunch**

Session 4 – Securing Spectrum: Advances in Electromagnetic Warfare and Interference Management

1315 – 1345 **Dr. John Mueller, Chief Engineer, Orion Edge LLC**
GNSS Interruption for Low-Detection Electromagnetic Attack

1345 – 1445 **Panel Discussion: Electromagnetic Warfare Strategies and Novel Solutions**
Moderator: Dr. Martin Sullivan, Sr. Solutions Architect, Trideum Corporation
COL John Hosey, Chief of Cyber and Commandant, U.S. Army Cyber School
COL Gary “Mingo” Lyke, Chief, G31 Special Activities Division, Shaw AFB
LTC Nathan Olin, CEEMA Chief, Special Activities Division, Shaw AFB
Mr. Todd Boudreau (Deputy Commandant Army Cyber School)
Mr. Giorgio Bertoli, Assistant Director, Spectrum Dominance, Intelligence & Survivability, DEVCOM C5ISR Center
MAJ Nelson Godbolt, Senior Instructor, Cyber Captain Career Course, U.S. Army Cyber School

1445 – 1500 **BREAK**

1500 – 1530 **1LT Travis Schwartz, Cyber Electromagnetic Warfare Officer, IWTF, G39, 82nd Airborne**
Figure it out LT: First Crop of Lessons-Learned from 18 Months as an EW Platoon Leader

1530 – 1600 **Dr. Robert Crowell, Technical Staff, Motorola Solutions**
Communicating through Contested Spectrum with AirBender® Technology

1600 – 1630 **Mr. Eric Lindahl, Researcher, Sciumo Inc**
SFAFx: Enhanced Spectrum Frequency Format for Interference Modeling

1630 – 1645 **Mr. Glen Ives, CEO, Castellum Inc.**

1645 – 1700 **Closing Remarks**