

# Warfighter Information Advantage Symposium 2024

OCTOBER 29 - 30



Augusta, GA

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

## DRAFT AGENDA

(Subject to Change - as of August 8, 2024)

### 2024 Conference 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, October 29

**US SECRET**

**Sessions 1 & 2**

0830 – 1700

#### Wednesday, October 30

**US Secret**

**Sessions 3 & 4:**

0830 – 1700

# Agenda

Tuesday, October 29

All sessions will be at the US Secret Only Classification

0730 – 8:30 Coffee and Registration

## Session 1 – WIAS Opening and Strategic Updates

Mr. Mark Dotson, Green Jacket Roost Chapter President  
Dr. Jacob Cox, Symposium Chairman

Mr. Brian Hinkley, President, Association of Old Crows  
Mr. Tony Lisuzzo, President Elect, Association of Old Crows  
*AOC International Update*

LTG John B. Morrison, Jr., Deputy Chief of Staff, G6  
*Keynote Address*

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

BREAK

COL John Agnello, Director, Army Program Office - Information Advantage, U.S. Army Cyber Center of Excellence  
*Update on Army Information Advantage Initiatives*

### Panel Discussion: Achieving Information Advantage During Large Scale Combat Operations

Moderator: COL (Ret.) Fred Dixon, Information Operations Analyst, Corvus Consulting  
BG 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 Dereck Schmeck, Information Division Chief, HQDA G-3/5/7/ DAMO-SOI  
Mr. Aaron Pearce, Chief, G39 U.S. Army Cyber Command

1145 – 1310 LUNCH

## Session 2 – Information Advantage and Technological Integration in Modern Warfare

MG Ryan Janovic, Commanding General, Cyber Center of Excellence (Tentative)  
*Keynote Address*

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

Keynote Address

BREAK

COL Stephen Hamilton, Director, Army Cyber Institute (ACI), West Point  
*TBD*

Mr. Mark "Ernie" Gombo, Strategic Account Director (Mission Specialist), Microsoft  
*Achieving Decision Superiority via Hyperscale and Hybrid Cloud*

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

1630 – 1700 Closing Remarks

## Wednesday, October 30

All sessions will be at the US Secret Classification

0730 – 0830 Coffee and Registration

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

**Dr. Jacob Cox, Symposium Chairman**  
*Opening Remarks*

**Mr. David May, SES, Director, U.S. Army Cyber Center of Excellence (CCOE)  
& Mr. Jeffrey Hardimon, U.S. Army Cyber Center of Excellence (CCOE)**  
*IA Threat Picture: Adversary Capabilities and Lessons Learned from the Field*

**Mr. Steve Rehn, SES, Director, Technical Warfare Center/CTO, US Army Cyber Command (ARCYBER)**

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

**BREAK**

**MAJ Joshua Keller, 1<sup>st</sup> Special Forces Command**  
*Adapting Targeting Policy for Nonlethal Effects on Satellite Communication Architecture*

**Maj Anthony Mafnas, USAF, AU JADS Fellow, ACSC Joint All Domain Strategist**  
*Adapting to the Spectrum: Operating in the European Theater's EMS Domain*

**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

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

#### Panel Discussion: Electromagnetic Warfare Strategies and Novel Solutions

**Moderator: Dr. Martin Sullivan, Sr. Solutions Architect, Trideum Corporation**

**COL John Hosey (Cyber School Commandant)**

**COL Gary "Mango" Lyke, Chief, G31 Special Activities Division, Shaw AFB**

**LTC Nathan Olin, CEMA Chief, Special Activities Division, Shaw AFB**

**Mr. Giorgio Bertoli, Assistant Director, Spectrum Dominance and Intelligence, CSISR DEVCOM**

**MAJ Nelson Godbolt, Senior Instructor, Cyber Captain Career Course, U.S. Army Cyber School**

**BREAK**

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

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

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

**Mr. Glen Ives, (CAPT Ret. US Navy), CEO, Castellum Inc.**

1645 – 1700 Closing Remarks