

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 September 12, 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

0745 – 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. 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
Information Advantage: Real World Experimentation and The Future of Cross Domain Effects

Panel Discussion: Achieving Information Advantage During Large Scale Combat Operations

Moderator: Mr. 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 Derek 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
Keynote Address

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

TBD

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

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0745 – 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, 1st 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 "Mingo" Lyke, Chief, G31 Special Activities Division, Shaw AFB

LTC Nathan Olin, CEEMA 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, 82nd 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