

# CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // February 20, 2024

## CSIAC WILL BE ATTENDING ADVANTAGE DOD 2024: DEFENSE DATA & AI SYMPOSIUM

Advantage DoD 2024: Defense Data & Artificial Intelligence (AI) Symposium is a three-day cyber-and modeling-focused symposium. Key topics include generative AI, large language models, data and analytics, enablers (such as tools for small businesses, collaborative platforms, hiring tools, utilizing other transactional authorities, etc.), and various AI topics. While the majority of the sessions conclude at 4:00 p.m. on February 22, an additional classified session focusing on adversarial AI capabilities begins at 8:30 a.m. on February 23 and concludes at 4:30 p.m.

## DID YOU MISS OUR LAST WEBINAR?

"Developing the Cybersecurity Workforce: An Introduction to the NICE Framework..."

[WATCH NOW!](#)

[or download the slides](#)

## NOTABLE TECHNICAL INQUIRY

**What is the state of industry investment in and development of products in support of counter-artificial intelligence (AI) offensive tools and techniques?**

The Cybersecurity & Information Systems Information Analysis Center performed open-source research and obtained white papers and reports from numerous sources to include the Defense Technical Information Center Research and Engineering Gateway and Elsevier's ScienceDirect. [READ MORE](#)

## UPCOMING WEBINAR



### Uncomfortable Truths About Cybersecurity

March 13, 2024  
12:00 PM – 1:00 PM

*Presenter(s): Lynn Wallace*

*Host: CSIAC*

In this webinar, participants will drill into the history of cybersecurity and computer science and consider some first principles. Decisions made in the 1970s by the founders of both career fields have not been revisited since, ultimately resulting in the rampant risks faced today. [READ MORE](#)

## FUTURE WEBINARS

### Defending Against the Cyber Adversary

April 18, 2024  
12:00 PM – 1:00 PM



U.S. DoD

## HIGHLIGHT

### Senate Votes to Confirm Lt. Gen. Timothy Haugh to Lead CYBERCOM and NSA/CSS

FORT MEADE, Md. — The U.S. Senate voted to confirm President Joseph R. Biden, Jr.'s nomination of U.S. Air Force Lt. Gen. Timothy D. Haugh to the rank of General and to assume the duties as the Commander, U.S. Cyber Command (CYBERCOM), Director, National Security Agency (NSA)/Chief, Central Security Service (CSS).

Lt. Gen. Haugh is scheduled to assume his new role following a change-of-command ceremony planned for early 2024. [LEARN MORE](#)

## EVENTS

### Rocky Mountain Cyberspace Symposium (RMCS24)

February 19–22, 2024  
Colorado Springs, CO

### Advantage DoD 2024: Defense Data & AI Symposium

February 20–23, 2024  
Washington, DC

### Fifth Post Quantum Cryptography (PQC) Standardization Conference

April 10–12, 2024  
Rockville, MD

### Want your event listed here?

Email [contact@csiac.org](mailto:contact@csiac.org), to share your event.



## VOICE FROM THE COMMUNITY

### Mr. Alex Karpinski Computer Engineer

Alex Karpinski works for the U.S. Army Combat Capabilities Development Command Ground Vehicle Systems Center under the Ground Systems Cyber Engineering's Cyber Technology Development Branch, where he is responsible for informing and advancing the state of the art in vehicle cybersecurity. His background and experience include project management; cybersecurity; cyber defensive technology research, development, test, and evaluation; vehicle electronics and controllers; data bus networks; radio frequency signals and sensors; and artificial intelligence/machine learning.

## ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are a subject matter expert (SME).

Join our team today.

**BECOME A SUBJECT  
MATTER EXPERT**

## ABOUT TECHNICAL INQUIRIES (TIs)

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### WHAT IS THE TI RESEARCH SERVICE?

- FREE service conducted by technical analysts
- 4 hours of information research
- Response in 10 business days or less

### WHO CAN SUBMIT A TI?

- U.S. government (federal, state, or local)
- Military personnel
- Contractors working on a government or military contract

### WHY UTILIZE THE TI RESEARCH SERVICE?

- Get a head start on your technical questions or studies
- Discover hard-to-find information
- Find and connect with other subject matter experts in the field
- Reduce redundancy of efforts across the government

To submit a TI, go to  
<https://csiac.org/technical-inquiries>

## FOR MORE: FOLLOW US ON SOCIAL

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## RECENT CSIAC TIs

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- What is the verification, validation, and accreditation status of AJEM, DREAM, ESAMS, and FLAME models and the Tri-Services Flare Database?
- What is the state of 5G technology (and beyond) as it applies to the U.S. Department of Defense (DoD) and military?
- What is the military's position on the required degree of artificial intelligence (AI) explainability for deploying AI-enabled weapon systems?

## RECENT DSIAC & HDIAC TIs

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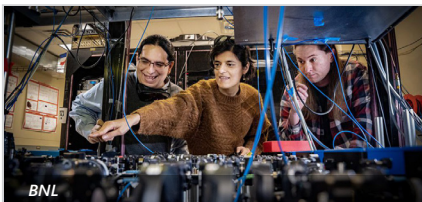
- Who are the top additive manufacturing players in microgravity environments?
- What are the U.S. Department of Defense's initiatives for using digital twins?
- What novel bioinspired textiles are being researched and developed for cold environment operations?

## FEATURED NEWS

### AFWERX Autonomy Prime Partners Demonstrate Autonomous Flight Capabilities, Make History at AGILE FLAG

SACRAMENTO, Calif. (AFRL) – AFWERX Autonomy Prime partner Xwing Inc. made history by flying the first autonomous logistics mission as part of the U.S. Air Force exercise AGILE FLAG 24-1 at McClellan Airfield in... [READ MORE](#)

## RECENT NEWS



### SBU Research Team Takes Major Step Toward a Functioning Quantum Internet

Brookhaven National Laboratory



### U.S. and International Partners Publish Cybersecurity Advisory on People's Republic of China...

Cybersecurity and Infrastructure Security Agency



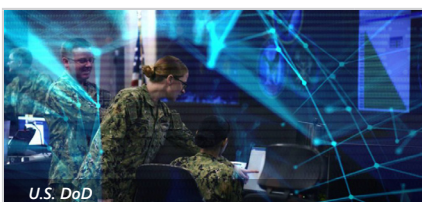
### New NCCoE Guide Helps Major Industries Observe Incoming Data While Using Latest...

National Institute of Standards and Technology



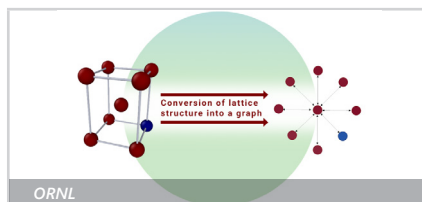
### Battle Looming Between AI and Counter-AI, Says Official

U.S. Department of Defense



### US Can Respond Decisively to Cyber Threat Posed by China

U.S. Department of Defense



ORNL

### Researchers at ORNL Demonstrate Scalability of GNNs on World's Most Powerful...

Oak Ridge National Laboratory



-  Cybersecurity
-  Knowledge Management & Information Sharing
-  Modeling & Simulation
-  Software Data & Analysis

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