

# CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // January 31, 2023

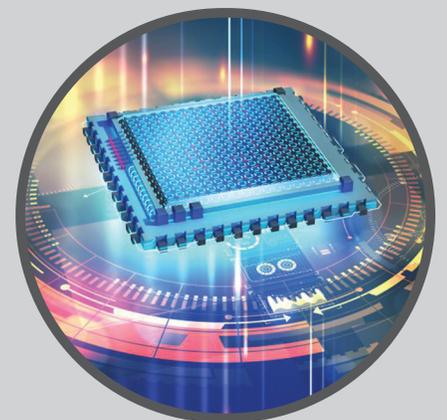


U.S. Army

## NOTABLE TECHNICAL INQUIRY

**What is the state of 5G technology (and beyond) as it applies to the U.S. Department of Defense and military?**

The fifth-generation wireless communication technology, abbreviated “5G,” has the potential to transform communication systems. The 5G mobile network will deliver higher speeds, lower latency, increased reliability, more network capacity, and increased interconnectivity. With the deployment, modernization, and implementation of 5G technology into both preexisting and new systems, immense improvements are expected. [READ MORE](#)



## SNEAK PEEK

### UPCOMING WEBINAR:

*Quantum Security – Quantum Computing and the Threat to Cybersecurity*

### DATE:

February 15, 2023

### TIME:

12:00 PM

### PRESENTED BY:

Garland Garrison

### HOST:

CSIAC

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## VOICE FROM THE COMMUNITY

**Albert Sampaio, Ph.D.**  
*Teacher and Researcher*

Albert Sampaio is a teacher and researcher at the Institute of Engineering of Porto, Portugal, which is part of the Polytechnic Institute (ISEP/IPP), for more than 20 years. His teaching activity, research interests, and practice have been mainly in software engineering quality, both at the product and process levels, and empirical research methods in software engineering. He has also collaborated with the software engineering community as a reviewer for Software Engineering Body of Knowledge (SWEBOK) and coauthor of IEEE P-2062.

## 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 an SME!

Join our team today!

**BECOME A SUBJECT  
MATTER EXPERT**



# CYBER NATIONAL MISSION FORCE

**RELENTLESS AGILE READY**

## HIGHLIGHT

### The Evolution of Cyber: Newest Subordinate Unified Command Is Nation's Joint Cyber Force

FORT GEORGE G. MEADE, Md. – The Cyber National Mission Force officially became the U.S. Department of Defense's newest subordinate unified command during a ceremony at U.S. Cyber Command Headquarters on December 19, 2022, highlighting the evolution of a persistent, professional cyber force today and into the future. [LEARN MORE](#)

## FEATURED NEWS

### U.S. Air Force Selects Howard University for Science Research Partnership

WASHINGTON (AFNS) — The U.S. Department of the Air Force has selected Howard University as the first historically black college or university to lead a university-affiliated research center.

The center will be focused on tactical autonomy technology for military systems, and Howard University will receive \$12 million per year for five years to fund research, faculty, and students. [READ MORE](#)



Image: AFRL



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## WEBINARS

### Enabling New Use Cases and Streamlining Adoption With Enterprise Blockchain Innovations

*Presented:* February 15, 2023 12:00 PM - 1:00 PM

*Presenter:* Garland Garrison

*Host:* CSIAC

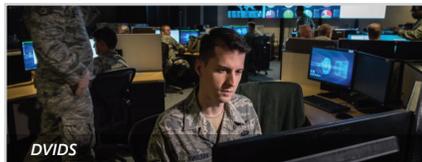
The promise of quantum computing is to revolutionize traditional computing, enabling us to tackle computational challenges previously considered impossible. Quantum computers are ideal for conducting data simulation experiments used in forecasting, chemical modeling, and materials science. The scale and speed at which these simulations operate... [LEARN MORE](#)



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#### Understanding Distributed and Blockchain End-to-End Encryption Communication Services

March 15, 2023 12:00 PM



DVIDS

#### Improving Cyber Survivability for Weapon System Mission Assurance

April 13, 2023 12:00 PM

## EVENTS

### Enabling Distributed C2 Symposium

February 1–2, 2023

### Zero Trust World '23

February 1–3, 2023

### Cybersecurity Expo

February 16–17, 2023

### 18th International Conference on Cyber Warfare and Security (ICCSWS)

March 9–10, 2023

### Global Cyber Innovation Summit

March 29–30, 2023

### MODSIM World 2023

May 22–23, 2023

### Want your event listed here?

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

## DID YOU MISS OUR LAST WEBINAR?

“Simulation-Based Testing for DoD Software”

 WATCH NOW!

*or download the slides*



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

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## RECENT NEWS



**IPv6 Security Guidance**

NSA Publishes Internet Protocol Version 6 (IPv6) Security Guidance

NSA



U.S. DoD

**DoD Cyber Scholarship Program (DoD CySP) Registration Open**

DoD Cyber Exchange



U.S. Army

**NETCOM Contributions Recognized During 2022 DoD CIO Awards**

U.S. Army



DARPA

**DARPA Kicks Off JUMP 2.0 Consortium Aimed at Microelectronics Revolution**

DARPA



U.S. DoD

**Military Esports: How Gaming Is Changing Recruitment and Morale**

U.S. DoD



NIST

**NIST Joins Alliance to Promote Open Wireless Technologies and Supply Chains**

NIST