CYBERSECURITY
& Information Systems Digest

CALL FOR ABSTRACTS!

CSIAC is pleased to announce an upcoming **special edition** of the Journal featuring exclusive unpublished articles on **artificial intelligence and machine learning**. We are now accepting abstracts for this issue that should include the following:

- 200 words
- Prospective title
- Your organization
- All authors
- Highlighted focus area(s)

ABSTRACT DEADLINE:
December 1, 2023

ARTICLE DEADLINE:
March 15, 2024

SUBMIT IDEAS/ABSTRACT:
journal@csiac.org

To view previous CSIAC journals, visit https://csiac.org/journals.

DID YOU MISS OUR LAST WEBINAR?

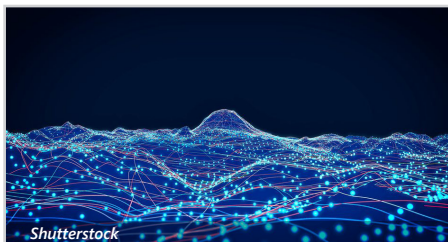**"Modeling and Simulation on the Final Frontier With AFSIM"**

CAC holders can view the CUI slides via DoDTechipedia

NOTABLE TECHNICAL INQUIRY

What is the current state of the art in microelectronics and its impact on the DoD?

Cybersecurity and Information Systems Analysis Center subject matter experts, experienced with delivering presentations to senior leadership on technical topics, conducted open-source research for relevant information on microelectronics and its impact on the U.S. Department of... **READ MORE**

UPCOMING WEBINAR

Shutterstock

Optimization Techniques: Improving Effectiveness...
December 12, 2023
12:00 PM – 1:00 PM

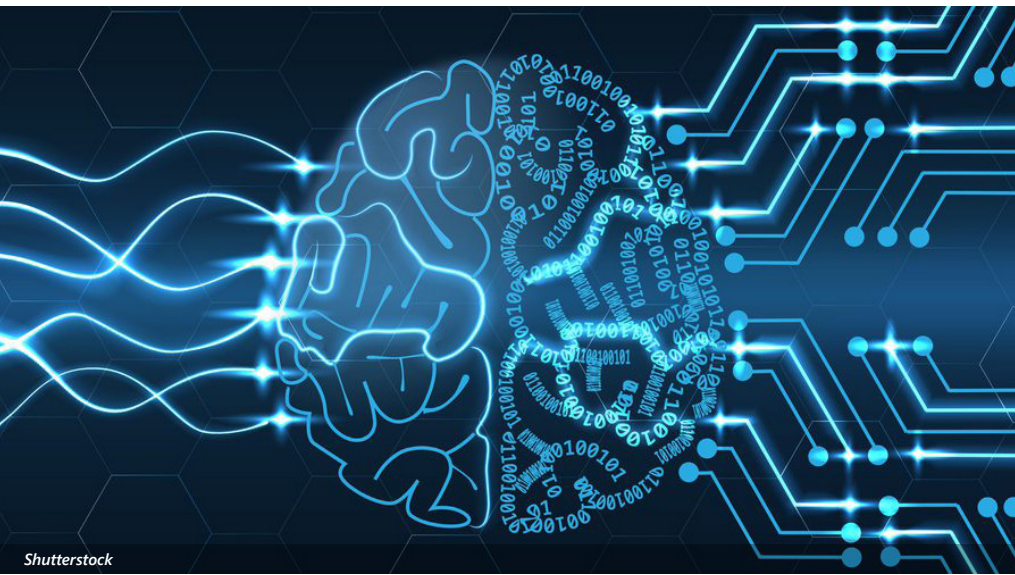*Presenter:* Jennifer Blum   *Host:* CSIAC

When performing defense system analysis with simulation models, a great deal of time and effort are expended, creating representations of real-world scenarios in U.S. Department of Defense (DoD) simulation tools. However, once these models have been created and validated, analysts rarely... **READ MORE**

FUTURE WEBINARS

The Art and Science of Metawar

February 7, 2024
12:00 PM – 1:00 PM

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HIGHLIGHT

DoD Releases AI Adoption Strategy

The Defense Department released its strategy to accelerate the adoption of advanced artificial intelligence capabilities to ensure U.S. Warfighters maintain decision superiority on the battlefield for years to come.

The Pentagon's 2023 Data, Analytics, and Artificial Intelligence Adoption Strategy builds upon years of DoD leadership in the development of AI and further solidifies the United States' competitive advantage in fielding the emerging technology, defense officials said. **LEARN MORE**

EVENTS

I/ITSEC 2023
November 27–December 1, 2023
Orlando, FL

....

Gartner IT Infrastructure, Operations & Cloud Strategies Conference
December 5–7, 2023
Las Vegas, NV

....

The CyberMaryland Conference
December 6–7, 2023
Hyattsville, MD

DODIIS Worldwide
December 12–14, 2023
Portland, OR

....

Want your event listed here?
Email contact@csiac.org to share your event.

VOICE FROM THE COMMUNITY

Jennifer Blum
Principal Scientist, OptTek Systems, Inc.

Dr. Blum is the second black woman to ever graduate with a Ph.D. in astrophysics from the University of Michigan. Her specialties include satellites, radar systems, and X-ray analysis. Her current expertise is in cybersecurity algorithm development and advanced statistical data science methodologies.

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)

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
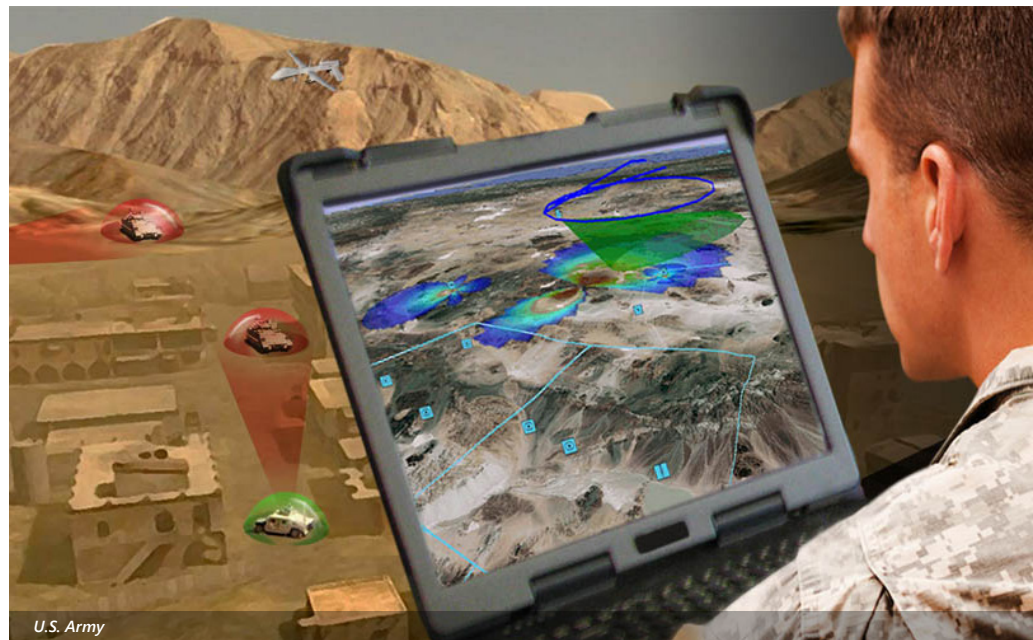
WHY UTILIZE THE TI RESEARCH SERVICE?

- 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!

U.S. Army

RECENT CSIAC TIs

- What software systems can be used to test the ARTS SW C2 application with an X-band radar to replicate threats and facilitate Officer Aptitude Rating tests? Can you provide an assessment for each?

- What is the current state of malware and cyber threats on embedded systems?

- What are some examples of mission- and campaign-level simulations of cyber warfare?

RECENT DSIAC & HDIAC TIs

- What publications are available on boron combustion related to airbreathing propulsion?

- What COTS instruments are available for near real-time detection of chemical warfare agents?

- Is there a spray that can identify the presence of explosive residue via colorimetric change?

FEATURED NEWS

CISA Announces New Release of Logging Made Easy

WASHINGTON – The Cybersecurity and Infrastructure Security Agency (CISA) announces a new release of Logging Made Easy, a Windows-based, free and open log management solution designed to help... **READ MORE**

RECENT NEWS

NIST

NIST Seeks Collaborators for Consortium Supporting Artificial Intelligence Safety

NIST

DARPA

ICS

Can Math Secure Mixed Reality Systems From Attack

DARPA

DHS

White House Releases National Spectrum Strategy

Whitehouse.gov

U.S. Marines

CBRN Defense, Computer Software, and Command Decisions: CSC2 ...

JPEO-CBRND

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Protecting Controlled Unclassified Information in Nonfederal Systems...

NIST

U.S. DoD

Securing the Software Supply Chain Recommended Practices for
Software Bill of Materials Consumption

A Software Bill of Materials (SBOM) has become paramount to successful software threat mitigation and supply chain risk management. But it's only a useful tool if those in cybersecurity are creating, leveraging, and maintaining them properly. Here are some recommended practices for successfully utilizing an SBOM for actionable security intelligence:

- Formulate SBOMs in an operational format
- Require and verify attestation for the product
- Check integrity mechanisms during deployment
- Necessitate information from a supplier to ensure SBOM information is current
- Perform self-attestation of cybersecurity hygiene to inform the risk management by the user organization
- Exercise continual security monitoring of the product

NSA and ESF Partners Release Recommended Practices for Software Bill of...

NSA

Cybersecurity

Knowledge Management & Information Sharing

Modeling & Simulation

Software Data & Analysis

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