HOMELAND
Defense & Security Digest
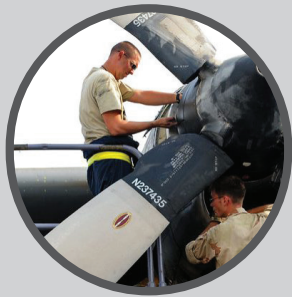
CRITICAL INFRASTRUCTURE SECURITY SUMMIT

DATE:
July 26–27, 2023

LOCATION:
Alexandria, VA

ABOUT:
The 2023 Critical Infrastructure Security Summit will focus on defending and creating resilient systems to protect our nation's vital infrastructure from outside threats and other dangers. The interconnectivity and advanced capabilities that digital systems have...

DID YOU MISS OUR LAST WEBINAR?

"Contemporary Counter Unmanned Aerial System Technologies"

CAC holders can view the CUI slides via DoDTechipedia

NOTABLE TECHNICAL INQUIRY

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

UPCOMING WEBINAR

Printing Destruction: AM, WMD, and the Emerging Challenges to Security
August 16, 2023 12:00 PM – 1:00 PM

Presenter: Gregory Nichols   *Host: HDIAC*

This webinar presentation contains CUI and is therefore limited to government and contractors only.

Additive manufacturing (AM) offers significant advantages over more traditional types of manufacturing technologies, including a smaller facility footprint, reduced energy and resource needs, and increased output capacity in less time. These characteristics of AM are revolutionizing production... **READ MORE**

FUTURE WEBINARS

Policies, Procedures, and Dangerous Plumes: Lessons Learned From a Mixed-Hazardous Waste Tabletop Exercise
September 21, 2023 12:00 PM – 1:00 PM

U.S. Army

HIGHLIGHT

U.S. Completes Chemical Weapons Stockpile Destruction Operations

U.S. officials announced that the final munition in the nation's obsolete stockpile of chemical weapons has been safely destroyed — a disarmament milestone decades in the making.

This achievement marks the destruction of all chemical weapon stockpiles declared to the Organisation for the Prohibition of Chemical Weapons (OPCW) in The Hague. The OPCW is the implementing body of the... **LEARN MORE**

EVENTS

Micro Radiation Emergency Medicine (MicroREM) Course
August 1–3, 2023
Virtual

ASES Solar 2023 Conference
August 8–11, 2023
Boulder, CO

2023 Operational Energy & Logistics Summit
August 22–24, 2023
Honolulu, HI

Southeast Energy Summit
October 25–27, 2023
Atlanta, GA

CBRNe Convergence 2023
November 7–9, 2023
Knoxville, TN

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

VOICE FROM THE COMMUNITY

Amin Khodaei
Professor of Electrical & Computer Engineering, University of Denver

Dr. Khodaei's lab ("KLab") focuses on designing, planning, and operating the future's electric grid. As the world experiences a growing penetration of distributed energy resources and an urgent need to shift toward sustainable generation, his lab focuses on harnessing the potential of microgrids, quantum computing, and artificial intelligence to transform legacy electric grids into more reliable, resilient, cost-effective, and green grids. By researching and architecting innovative models, they explore how emerging technologies can be leveraged to achieve this goal.

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://hdiac.org/technical-inquiries

FOR MORE: FOLLOW US ON SOCIAL!

U.S. Marine Corps

RECENT HDIAC TIs

- What are the primary cultural differences between Ukrainian and Russian citizens in developing common messaging for military information support operations?

- What wearable sensors can detect, collect, and transmit human emotion and sentiments through biomarker data?

- What organizations are responsible for CONUS and OCONUS base resiliency planning and repair efforts related to natural disasters?

RECENT CSIAC & DSIAC TIs

- How do end-users perceive their own password security practices, and how does this behavior differ from acceptable standards?

- Can you provide a list of equipment used by dismounted female soldiers?

- Can you help transform older GPS coordinates/locations into the current WGS84 format?

FEATURED NEWS

Enhanced Energy Storage and Intelligent Power Management Systems for Defense Department Tactical Microgrids

As the U.S. Department of Defense (DoD) increases operational capabilities in austere and remote locations, our ability to effectively store and intelligently manage tactical energy in these environments will be critical to... **READ MORE**

RECENT NEWS

U.S. Army

U.S. Army Civilians Build Mock Weapons of Mass Destruction Labs for Elimination Training

U.S. Army

U.S. Army

The Science Behind the Army Comprehensive Body Composition Study: USARIEM Completes Critical...

U.S. Army

DHS S&T

Biometric Technology Rally

DHS S&T

DVIDS

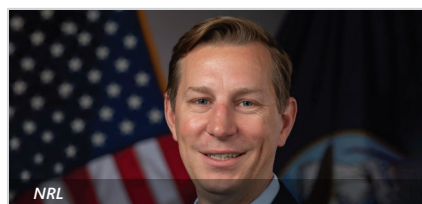**Navy Medicine Microbiologist Joins NASA Efforts to Prepare for Mars Surface Missions**

U.S. Navy

U.S. Air National Gaurd

Key to Beating Burnout: Prioritizing Self-Care

Military Health System

NRL

Leading a Transformational Shift in the Implementation of Batteries: Dr. Corey T. Love Receives Applied Science...

U.S. Navy

Alternative Energy

Biometrics

CBRN Defense

Critical Infrastructure Protection

Cultural Studies

Homeland Defense & Security

Medical

Weapons of Mass Destruction