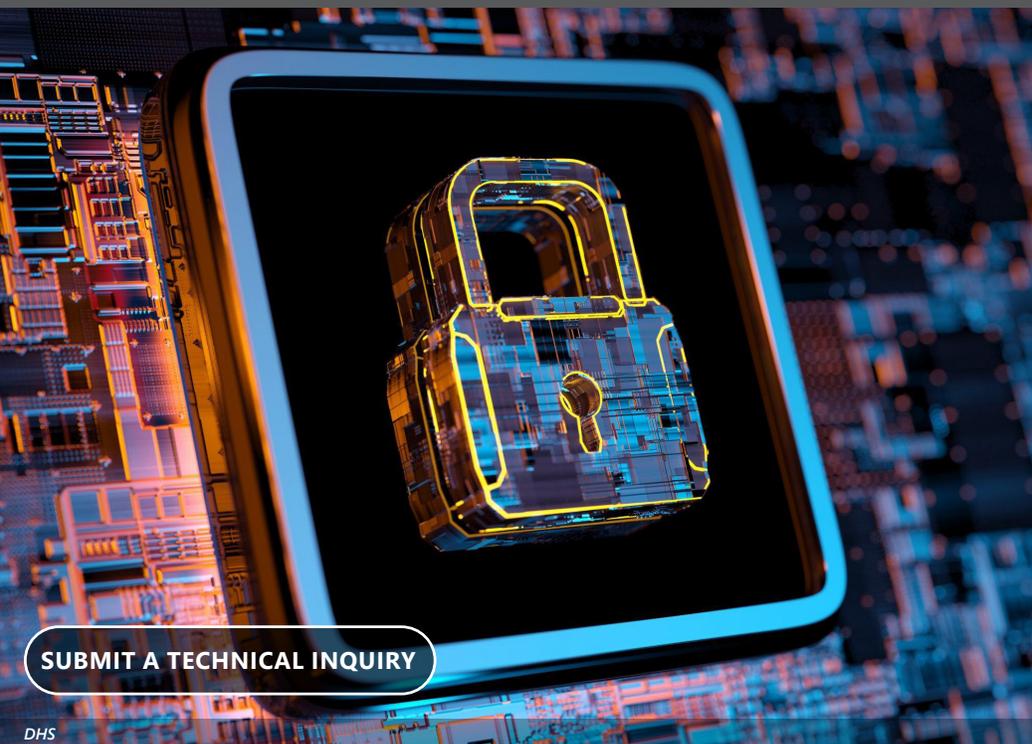


# CYBERSECURITY

## & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // April 26, 2022



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## NOTABLE TECHNICAL INQUIRY

**Given the United States-Russian bilateral recommendation from the 47th Munich Security Conference, what are some of the foreseen challenges in applying the law of armed conflict to cyberwar?**

On June 17, 2010, a small antivirus company established in Belarus discovered the Stuxnet worm. Later research would reveal that an earlier variant of the worm existed at least a year earlier. Stuxnet reputedly caused the physical degradation of some 1,000 centrifuges at the Natanz facility in Iran, based on data of the International Atomic Energy Agency (IAEA) [1]. While the identity... [READ MORE](#)



## SNEAK PEEK

### UPCOMING WEBINAR:

*Evaluating the Resiliency of Artificial Intelligence (AI) Systems: An Overview of Adversarial AI*

### DATE:

May 17, 2022

### TIME:

12:00 PM - 1:00 PM

### PRESENTED BY:

Maj. Nathaniel D. Bastian, Ph.D.

### HOST:

CSIAC



## VOICE FROM THE COMMUNITY

**William Gilpin**  
*Assistant Professor*

William Gilpin is an assistant professor of physics at The University of Texas at Austin. He leads a research group developing new computational tools for modeling, controlling, and forecasting complex systems, using a combination of machine learning and classical mathematical methods for chaotic time series. His group particularly focuses on applications to bioinformatics, biomedical datasets, and large-scale fluid dynamics simulations. His research has been sponsored by the National Science Foundation, the U.S. Department of Defense, and the National Geographic Society.

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NIST

## HIGHLIGHT

### **CISA and Partners Promote Call to Action During National Supply Chain Integrity Month**

In recognition of National Supply Chain Integrity Month, the Cybersecurity and Infrastructure Security Agency (CISA) is partnering with the Office of the Director of National Intelligence (ODNI) and other government and industry partners to promote a call to action for a unified effort by organizations across the country to "Fortify the Chain." By "The Chain," we are referring to the information and communications technology (ICT) supply chain, which is vital to our communities for such actions as generating electricity, operating hospitals, and supplying clean water. [LEARN MORE](#)

## FEATURED NEWS

### **U.S. Department of Defense and NTIA Launch 5G Challenge to Accelerate Development of Open 5G Ecosystem**

The U.S. Department of Defense (DoD), in collaboration with the National Telecommunications and Information Administration's (NTIA) Institute for Telecommunication Sciences (ITS), announced today the launch of the 5G Challenge Preliminary Event: RAN Subsystem Interoperability. This competition aims to accelerate the development and adoption of open interfaces, interoperable components, and multivendor solutions toward the development of an open 5G ecosystem. [READ MORE](#)



Image: NTIA



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## WEBINARS

### Evaluating the Resiliency of Artificial Intelligence (AI) Systems: An Overview of Adversarial AI

*Presented:* May 17, 2022 12:00 PM - 1:00 PM

*Presenter:* Maj. Nathaniel D. Bastian, Ph.D.

*Host:* CSIAC

As highlighted in the Summary of the 2018 Department of Defense (DoD) AI Strategy, the DoD is committed to leading in military ethics and AI safety. As a focal point of the strategy, the DoD seeks to ensure that developed and deployed AI systems are resilient (i.e., secure and robust). This webinar will provide an overview of adversarial AI, which are countermeasures that adversaries may deploy against our AI systems, and the evaluation steps and defenses needed to safeguard performance. Specifically, the following subtopics will be introduced: spanning adversarial AI countermeasures, adversarial AI access paradigms, adversarial AI attacks, system-level and algorithmic counter-AI defenses, counter-AI analysis, and demonstration of an open-source adversarial robustness toolbox. Overall, testing, evaluating, and assessing AI systems are resilient (i.e., secure and robust). This webinar will provide an overview of adversarial AI... [LEARN MORE](#)



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### Leveraging Blockchain Technologies to Secure Document Dissemination in the Defense RDT&E Community

June 15, 2022 12:00 PM

## EVENTS

### GEOINT 2022

April 24-27, 2022

### 2022 Joint NDIA/AIA Spring Industrial Security Conference

April 25-27, 2022

### IT and Cyber Day at MacDill AFB

April 26, 2022

### TechNet Cyber

April 26-28, 2022

### GITEC Conference

May 1-3, 2022

### Cyber Electromagnetic Activity (CEMA) 2022

May 3-4, 2022

### MODSIM World 2022

May 9-11, 2022

### Want your event listed here?

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



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

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## RECENT NEWS



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### Justice Department Announces Court-Authorized Disruption of Botnet Controlled by the Russian Federation’s Main...

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U.S. DoD

### Posture Statement of Gen. Paul M. Nakasone, Commander, U.S. Cyber Command Before the 117th Congress

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### CISA CYBERSECURITY ADVISORY COMMITTEE

CISA

### Readout From CISA’s Second Cybersecurity Advisory Committee Meeting

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U.S. DoD

### Cyber Mission Force Set to Add More Teams

Cybersecurity



NIST

### NIST Awards Funding to Strengthen Advanced Manufacturing for Microelectronics, Digital and Biomanufacturing

Software Data & Analysis



U.S. Air Force

### U.S. Air Force Delivers E-4B Simulator

Modeling & Simulation

