HOMELAND
Defense & Security Digest

SUBMIT A TECHNICAL INQUIRY

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NOTABLE TECHNICAL INQUIRY

What information is available concerning DoD standards and/or methods for validating and implementing data derived from machine learning and artificial intelligence algorithms used in biometric identification applications?

A member of the Department of Commerce's National Institute of Standards and Technology (NIST) requested information concerning U.S. Department of Defense (DoD) standards and/or methods for validating and implementing data derived from machine learning (ML) and artificial intelligence (AI) algorithms used in biometric identification applications. **READ MORE**

SNEAK PEEK

UPCOMING WEBINAR:
Introduction to the Interagency Modeling and Atmospheric Assessment Center (IMAAC)

DATE:
February 16, 2022

TIME:
12:00 PM

PRESENTED BY:
Dr. Andy Grose

HOST:
HDIAC

U.S. Army

VOICE FROM THE COMMUNITY

Robert Wagner
US&R Training Instructor

Mr. Wagner's primary area of interest and research is in emergency response to a domestic nuclear detonation, particularly in the context of urban search and rescue. He is currently examining both the 1986 Chernobyl accident and 2020 Beirut explosion, hoping to glean some lessons learned. Robert is also in the planning stages of authoring a book on "Mighty Derringer," a nuclear detonation exercise that occurred in Indianapolis in 1986. His future plans include refining a survivability profile for victims trapped in collapsed buildings after a nuclear detonation.

BECOME A SUBJECT
MATTER EXPERT

HIGHLIGHT

Do you know of unclassified datasets related to former weapons of mass destruction (WMD) programs?

The Homeland Defense and Security Information Analysis Center (HDIAC) is supporting a national laboratory in a search for datasets originating from former WMD programs. The purpose of this work is to increase analysts' ability to detect and state proliferative capability across all chemical, biological, radiological, and nuclear areas more efficiently and effectively. **LEARN MORE**

FEATURED NEWS

2021 National Preparedness Report

The 2021 National Preparedness Report (2021 NPR) summarizes progress made, and challenges that remain, in building and sustaining the capabilities needed to prevent, protect against, mitigate, respond to, and recover from the threats, hazards, and incidents that pose the greatest risk to the nation. For this report, the Federal Emergency Management Agency (FEMA) used the events of 2020 to draw broader conclusions about national risk and capabilities and identified management opportunities to build those capabilities and reduce risk. This annual report offers all levels of government, tribes, the private and nonprofit sectors, and the public practical insights into preparedness that supports decisions about program priorities, resource... **READ MORE**
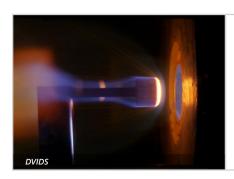
Image: Louisiana National Guard

DVIDS

LEARN MORE

WEBINARS

Introduction to the Interagency Modeling and Atmospheric Assessment Center (IMAAC)

Presented: *February 16, 2022 12:00 PM–1:00 PM*
Presenter: *Dr. Andy Grose*
Host: *HDIAC*

The mission of the IMAAC is to provide a single point for the coordination and dissemination of federal dispersion modeling and hazard prediction products that represent the federal position during actual or potential incidents involving hazardous atmospheric releases. **LEARN MORE**

DVIDS

DSIAC: Materials Selection for High-Temperature System; Condensed Phase Foundation
January 19, 2022
12:00-12:45 PM

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CSIAC: Physical Cybersecurity: Using One-Way Data Diodes to Secure Asset Monitoring
January 26, 2022
12:00-12:45 PM

EVENTS

2022 Cleantech Forum San Francisco
January 24-26, 2022

Energy Progress and Innovation Conference
January 25-27, 2022

16th Homeland Security Week
January 27-28, 2022

Renewable Energy Summit
January 27, 2022

Critical Infrastructure Protection and Resilience (CIPR)
February 1-3, 2022

2022 Personnel Recovery (PR) Modernization
February 7-11, 2022

Nuclear Deterrence Summit
February 7-9, 2022

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

RECENT NEWS

Common "Core": Using Molecular Fragments to Detect Deadly Opioids

Homeland Defense & Security; Medical

Tackling Concussions: NCAA-DoD CARE Consortium Battles Brain Injuries

Medical

Building Community Climate Resilience With Compound-Flood Modeling Tools

CIP; Homeland Defense & Security

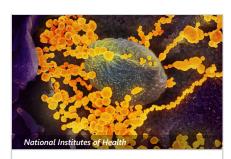**DOE Establishes New Office of Clean Energy Demonstrations Under the Bipartisan Infrastructure Law**

Alternative Energy; CIP

Estimating the Strength of Selection for New COVID-19 Variants

Medical

Keesler AFB Dental, Oncologists Innovate Radiation Therapy Tool for Cancer Patients

Medical