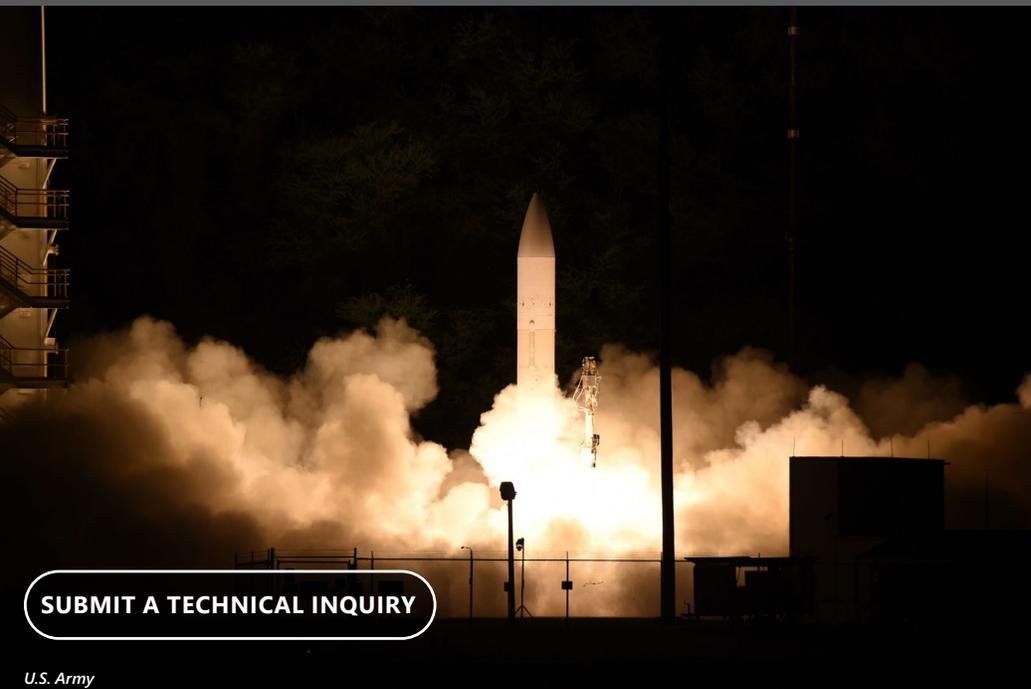


# DEFENSE

## Systems Digest

The Latest From the Defense Systems Information Analysis Center // March 8, 2022



SUBMIT A TECHNICAL INQUIRY

U.S. Army

## NOTABLE TECHNICAL INQUIRY

**What documentation is available on Joint Tests, Quick Reaction Tests, or Joint Technology Test Demonstrations reports related to U.S. hypersonic glide vehicles, advanced maneuverable reentry vehicles, hypersonic cruise missiles, or Joint Procedures for IWTA of HGV (J-PITH)?**

The Defense Systems Information Analysis Center (DSIAC) received a request for documentation available on Joint Tests (JTs), Quick Reaction Tests (QRTs), or Joint Technology Test Demonstrations reports related to U.S. hypersonic glide vehicles (HGVs), advanced maneuverable reentry vehicles, hypersonic cruise missiles, and Joint Procedures for IWTA of HGV... [READ MORE](#)



## SNEAK PEEK

### UPCOMING WEBINAR:

*Smart Manufacturing Strategies and Technologies*

### DATE:

March 30, 2022

### TIME:

12:00 PM - 12:45 PM

### PRESENTED BY:

Feraidoon Zahiri

### HOST:

DSIAC



## VOICE FROM THE COMMUNITY

**Leye Aina**  
*Ball Aerospace*

Dr. Leye Aina joined Ball Aerospace in 2019 as a Staff Consultant responsible for detector science, technology, and product advancement, with a focus on new detector concepts, designs, and production process enhancements for next-generation lidar cameras and space-based sensors for national defense, tactical, and space applications. Prior to joining Ball Aerospace, he was a Senior Principal Research Scientist at BAE Systems FAST Labs, where he was involved in the development of novel sensor integration and processing technologies. He was also President and Co-founder of Epitaxial Technologies, LLC, a developer and producer of ultrasensitive, linear-mode avalanche photodiodes and sensors.

**BECOME A SUBJECT MATTER EXPERT**



## HIGHLIGHT

### Drone Assessment and Response Tactics & Unmanned Aircraft Systems Program Development

This training event is a 2-day course hosted by the Homeland Defense & Security Information Analysis Center (HDIAC). Day 1 covers Drone Assessment and Response Tactics (DART), and Day 2 covers Unmanned Aircraft Systems Program Development (UASPD).

This FREE course is for state and local first responders, law enforcement, fire service, and security directors/managers. [LEARN MORE](#)

## FEATURED NEWS

### Increasing Production Is Important for Hypersonics, Defense Official Says

"The Defense Department is working hard on developing both hypersonic offensive and defensive capabilities. But in the immediate future, one of the most important areas to be developed is increasing the capacity at which such systems can be produced," said Gillian Bussey, director of the Joint Hypersonics Transition Office.



"I would say that everything we're doing in terms of the interceptors, the strike weapons isn't going to make a difference unless we... [READ MORE](#)

*Image: U.S. DoD*



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DVIDS

## WEBINARS

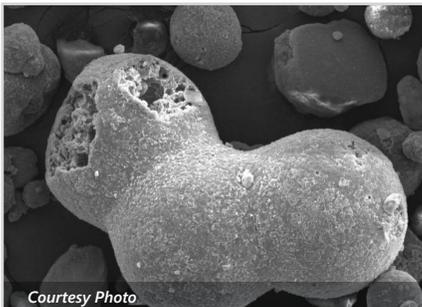
### Smart Manufacturing Strategies and Technologies

*Presented:* March 30, 2022 12:00 PM - 12:45 PM

*Presenter:* Feraidoon Zahiri

*Host:* DSIAC

This webinar addresses the design, testing, and evaluation of an integrated and holistic framework for integrity management of manufacturing components/systems/processes seeking to improve productivity and product quality while reducing the logistics footprint. Traditional maintenance practices in government and industry have been mostly reactive in addressing needs for “fix it when broken” or “fix it in so many hours.” As the complexity of legacy and new equipment/facilities has increased substantially in recent years, a paradigm shift is occurring toward “fix it only when needed.” Recent advances in condition-based maintenance and prognostics and health management, as well as parallel advances in sensing, computing, and communications, motivate the... [LEARN MORE](#)



Courtesy Photo

### Advanced Spray-Drying Technology for the U.S. Department of Defense (DoD)

April 13, 2022  
12:00-12:45 PM

## EVENTS

### AeroTech

March 15-17, 2022

### Unmanned Systems & Robotics Summit

March 16-17, 2022

### Satellite 2022

March 21-24, 2022

### 2022 Joint Aircraft Survivability Program (JASP) Model Users Meeting (JMUM)

March 21-25, 2022

### 2022 Undersea Warfare Spring Conference

March 28-30, 2022

### Fundamentals of Random Vibration and Shock Testing Open Course (Westpak San Jose)

April 5-7, 2022

### Want your event listed here?

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

-  Advanced Materials
-  Autonomous Systems
-  C4ISR
-  Directed Energy
-  Energetics
-  Military Sensing
-  Non-Lethal Weapons
-  RMQSI
-  Survivability & Vulnerability
-  Weapons Systems

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## RECENT NEWS



U.S. Army

**Artificial Intelligence (AI),  
Autonomy Will Play Crucial Role  
in Warfare, General Says**

Autonomous Systems



U.S. Space Force

**Newest Missile Warning Satellite  
Accepted for Operations**

Advanced Materials; WMD



Ion Beam Materials Laboratory

**Fusion Materials Research  
Powered by New DOE Funding**

Advanced Materials



U.S. AFRL

**AFRL Holds Directed, Kinetic  
Energy Wargaming Experiment**

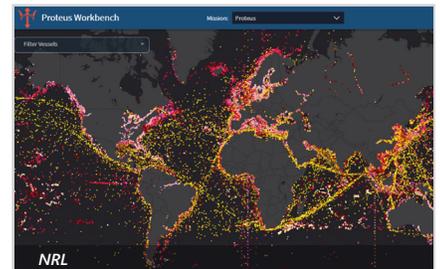
Advanced Materials



DVIDS

**Mitchell Paper: Strategies  
to Surge U.S. Expertise in  
Electronic Warfare**

Directed Energy



NRL

**PROTEUS Provides Global  
Maritime Domain Awareness**

Advanced Materials

