

DEFENSE

Systems Digest

The Latest From the Defense Systems Information Analysis Center // March 29, 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

Dr. John Garnier

Founder/CTO

Dr. Garnier founded Advanced Ceramic Fibers to commercialize a group of unique, carbon-metal carbide fibers and materials, including ceramic matrix composites. His career has focused on advanced materials science and ultra-high temperature processing of ceramic matrix composites applicable to aerospace, energy, defense, and space applications. He is also co-inventor of a software platform for advanced informational and morphological analysis of digital data forms (nondestructive evaluation, signals). Dr. Garnier served as the National Program Lead for Homeland Security’s Armor Program at the Idaho National Laboratory.

BECOME A SUBJECT MATTER EXPERT



HIGHLIGHT

2022 Joint Combat Assessment Team Threat Weapons & Effects Training

The Joint Combat Assessment Team (JCAT) will host the 2022 Threat Weapons & Effects (TWE) Training at Eglin Air Force Base, FL, on 3-5 May 2022. This annual training event is a collaborative effort between JCAT, the U.S. Army Aviation Research Laboratory, Naval Air Systems Command, Air Force Life Cycle Management Center, Missile and Space Intelligence Center, National Ground Intelligence Center, and other agencies. The training draws information from threat exploitation, live-fire testing, and combat experience to provide a complete picture of threat lethality. **LEARN MORE**

FEATURED NEWS

JADC2 Implementation Plan Finalized, Signed by Defense Leadership

Last week, Deputy Defense Secretary Kathleen H. Hicks signed the implementation plan for Joint All Domain Command and Control, or JADC2. It’s the final step needed before moving forward on delivering JADC2 capabilities to the Warfighter, which will bring a better way to sense, make sense of, and act on the volumes of information generated into today’s joint, all-domain Warfighting environment. **READ MORE**



Image: U.S. Air Force



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WEBINARS

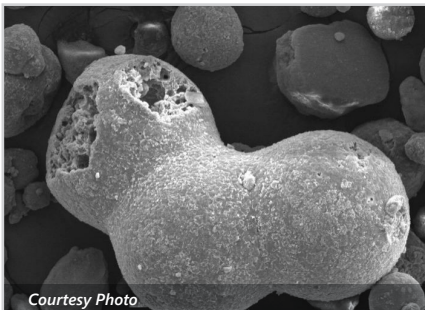
Smart Manufacturing Strategies and Technologies

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

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

April 5-7, 2022

Defense Forum

April 19-22, 2022

Military Space Disruptive Technology

April 25-26, 2022

22nd Annual Science & Engineering Technology (S&ET) Conference

April 26-28, 2022

Hypersonic Innovation Conference










April 26-28, 2022

2022 Joint Combat Assessment Team (JCAT) Threat Weapons & Effects (TWE) Training

May 3-5, 2022

Want your event listed here?

Email 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

Guam Air Defenders Deploy First THAAD Remote Launch Capability

Weapons Systems



U.S. DoD

U.S. Air Force Research Laboratory Chemists Collaborate With MIT on Nanomaterial Advancement With Flow Chemistry

Advanced Materials



DVIDS

JHU-Created Material Could Make Next-Gen Helmets, Bumper

Advanced Materials; S&V



U.S. Air Force

F-16s to Receive Next-Generation Electronic Warfare Suite

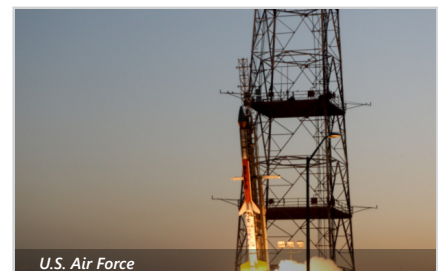
Directed Energy



U.S. DoD

AFWERX Agility Prime Program, BETA Technologies Make History With First Airmen Flight of Electric Aircraft

Autonomous Systems; Energetics



U.S. Air Force

AFRL/AFOSR Conducts Rocket Launch at NASA Wallops for Hypersonics Research

Energetics; Weapons Systems