

DEFENSE

Systems Digest

The Latest From the Defense Systems Information Analysis Center // September 14, 2021



U.S. Navy

[SUBMIT A TECHNICAL INQUIRY](#)

NOTABLE TECHNICAL INQUIRY

Who are the key experts or organizations within the U.S. Department of Defense (DoD) involved in research efforts in maritime communications and surveillance defense-related research?

DSIAC was asked to identify key players in DoD research efforts in the following areas:

- Long-range (500 – 1,000 meters) acoustic messaging
- Acoustic submarine communications

[READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:
Interdisciplinary Hypersonics Research in U.S. Academia

DATE:
September 15, 2021

TIME:
12:00 PM - 12:45 PM

PRESENTED BY:
Iain D. Boyd

HOST:
DSIAC



VOICE FROM THE COMMUNITY

Thomas Bezanson

Sr. Systems Engineer, CCDC C5ISR

I have worked in satellite communications for over 35 years, with the last 14 years for government vendors and directly for the U.S. Army C5ISR and Space and Missile Defense Command (SMDC). At the SMDC Technical Center, I support the Joint Warfighter by providing science, technology, and test and evaluation (T&E) expertise to enable Warfighter dominance today and in the future by conducting research and prototyping in support of the U.S. Army's tactical space strategy. I evaluate current capabilities, develop emerging applications, and perform T&E of Army Futures Command technologies in support of various system integration laboratory environments.

**BECOME A SUBJECT
MATTER EXPERT**



U.S. Air Force

HIGHLIGHT

2021 Joint Aircraft Survivability (JAS) Program Review (JPR)

The Joint Aircraft Survivability Program Office (JASPO) will host the 2021 Joint Aircraft Survivability (JAS) Program Review (JPR) at the Dougherty Conference Center, Offutt Air Force Base (AFB), NE, on 19-21 October 2021. The purpose of the review is to facilitate aviation survivability dialogue between the science and technology, acquisition, industry, academia, and operational communities. This will be achieved by presenting a technical overview of the JASP and Joint Live Fire – Aircraft Systems (JLF-Air) FY21 projects and informing the aviation community of our efforts. [LEARN MORE](#)

FEATURED NEWS

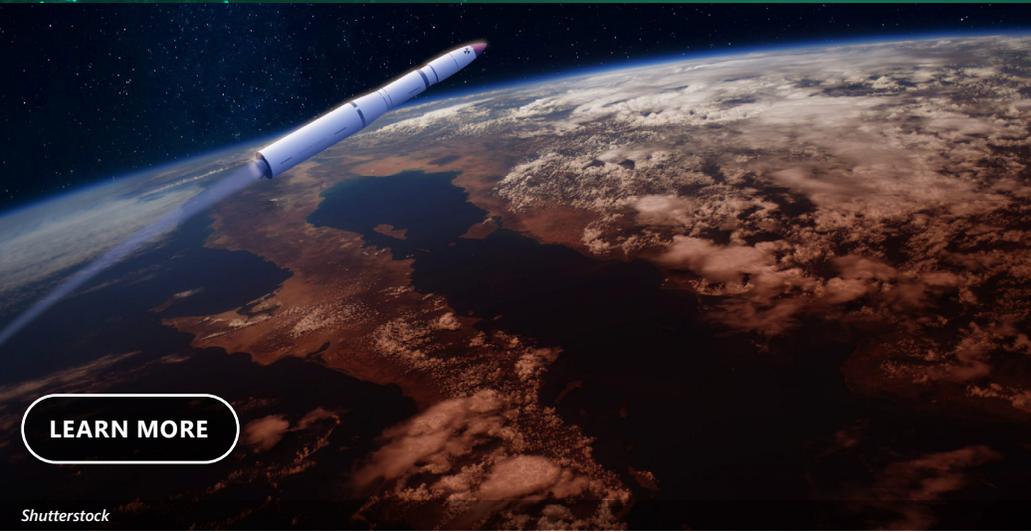
Deputy Secretary: How Industry Can Continue Supporting DoD's National Security Priorities

Speaking virtually in the keynote address at the 30th annual Pennsylvania Showcase on Commerce, the Deputy Secretary addressed members of the Johnstown Area Regional Industries Procurement Technical Assistance Centers and the Cambria Chamber of Commerce.



"Every day, people like you and others across this country are designing, building, and producing the critical materials and... [READ MORE](#)

Image: U.S. Department of Defense



LEARN MORE

Shutterstock

WEBINARS

Interdisciplinary Hypersonics Research in U.S. Academia

Presented: September 15, 2021 12:00 PM - 12:45 PM

Presenter: Iain D. Boyd, H.T. Sears Memorial Professor of Aerospace Engineering Sciences, University of Colorado

Host: DSIAC

As the development of hypersonic capabilities for national security intensifies, there is an urgent need for research and workforce development. While the U.S. universities have been active in research on hypersonics for decades, there are indications that China has jumped ahead in this domain. A comparison of the university efforts on hypersonics in the United States and China indicates a need for the United States to pursue more holistic, interdisciplinary research approaches. The University of Colorado has established the Hypersonic Vehicles Interdisciplinary Research Team (HyVIRT) to focus research efforts on optimization of hypersonic vehicles across multiple disciplines, including aerothermodynamics, materials, propulsion... [LEARN MORE](#)



U.S. Air Force

Survivability Against High-Power, Radio Frequency/Microwave, Directed Energy Weapons

October 20, 2021 12:00 PM



Shutterstock

Who Is Leading in AI/ML? An Unbiased Look at the Global AI/ML Landscape

November 10, 2021 12:00 PM

EVENTS

Autonomous Capabilities for DoD

September 15-16, 2021

2021 Air, Space, & Cyber Conference

September 20-22, 2021

Aircraft Combat Survivability Short Course 2021

September 21-23, 2021

Hypersonic Weapons Summit

September 28-29, 2021

2021 Fleet Maintenance & Modernization Symposium (FMMS)

October 17-19, 2021

2021 Future Force Capabilities Conference and Exhibition

October 18-21, 2021

2021 Joint Aircraft Survivability (JAS) Program Review (JPR)

October 19-21, 2021

Military Standard 810 (MIL-STD-810) (Orlando, FL)

October 25-28, 2021

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

The inclusion of hyperlinks does not constitute an endorsement by DSIAC or the U.S. Department of Defense (DoD) of the respective sites nor the information, products, or services contained therein. DSIAC is a Defense Technical Information Center (DTIC)-sponsored Information Analysis Center, with policy oversight provided by the Office of the Under Secretary of Defense for Research and Engineering (OUSD(R&E)). Reference herein to any specific commercial products, processes, or services by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the U.S. government or DSIAC.

4695 Millennium Drive, Belcamp, MD 21017
 443-360-4600 | info@dsiac.org | dsiac.org
[Unsubscribe](#) | [Past Digests](#)



RECENT NEWS



Shutterstock

BAE Unveils World's Smallest Anti-Jamming Military GPS

C4ISR & Directed Energy



DARPA

Artist's

The Army Is Looking to Employ Sensors on High-Flying Balloons

Military Sensing



DVIDS

New Generation of Directed-Energy Weapons Using Lasers and the Electromagnetic Spectrum Expected by the 2060s

Directed Energy



U.S. Air Force

AFRL to Collaborate With India on Air-Launched UAVs

Autonomous Systems



DVIDS

A New Navy Weapon Actually Stops You From Talking

Directed Energy



U.S. Army

Army-to-Field, Laser-Equipped Stryker Prototypes in FY 2022

Non-Lethal Weapons

