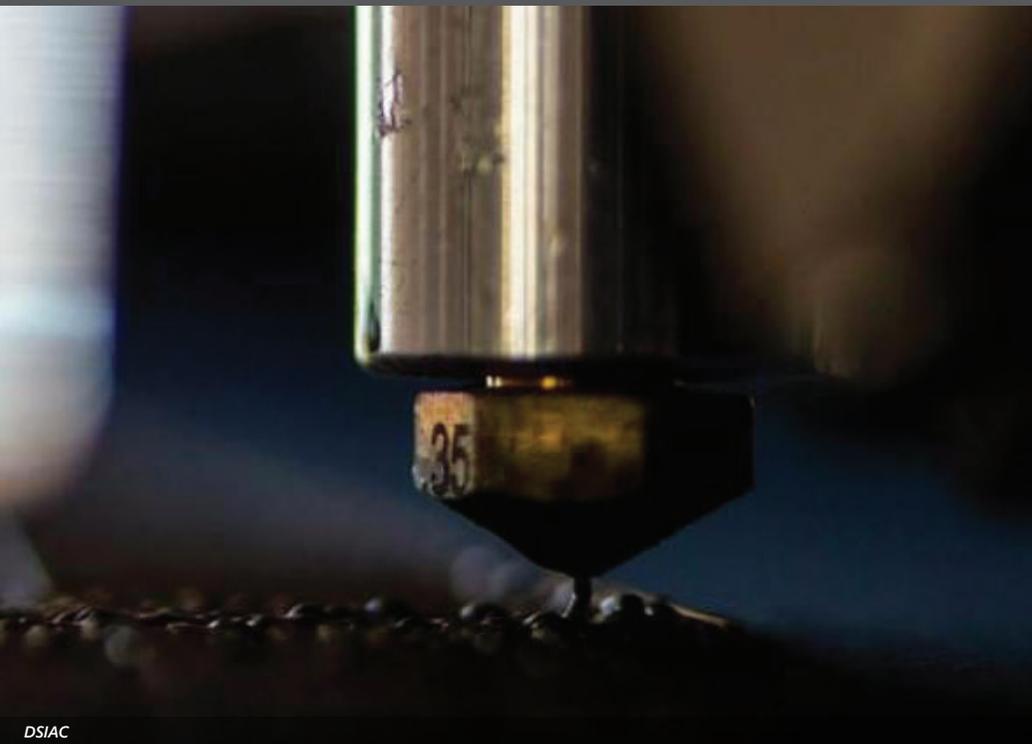


DEFENSE

Systems Digest

The Latest From the Defense Systems Information Analysis Center // May 9, 2023



DSIAC

NOTABLE TECHNICAL INQUIRY

Who are the DoD points-of-contact for additive manufacturing research, development, test, and evaluation?

DSIAC contacted additive manufacturing (AM) subject matter experts (SMEs) who have been at the forefront of AM research, development, test, and evaluation (RDT&E) and integration for their Service or have actively supported development of U.S. Department of Defense (DoD) and/or Service AM roadmaps. DSIAC worked through the SMEs, their chief scientist, and/or director to locate the appropriate government SMEs from... [READ MORE](#)



JOURNALS ARE BACK!

We are now accepting abstracts for our first revamped issue and need your help! This issue will be a DSIAC special edition focusing on research and innovations in the U.S. Navy.

Articles can fall in any domain relevant to DSIAC's 10 focus areas.

WHAT TO INCLUDE IN ABSTRACT:

- 200 words
- All authors
- Prospective title
- Highlighted focus area(s)
- Your organization

ARTICLE DEADLINE:

May 15, 2023

SUBMIT IDEAS/ABSTRACT:

journal@dsiac.org

To view previous DSIAC journals, visit <https://dsiac.org/journals>.



VOICE FROM THE COMMUNITY

Dr Andrew S. Podgorski
Electromagnetic Weapons SME

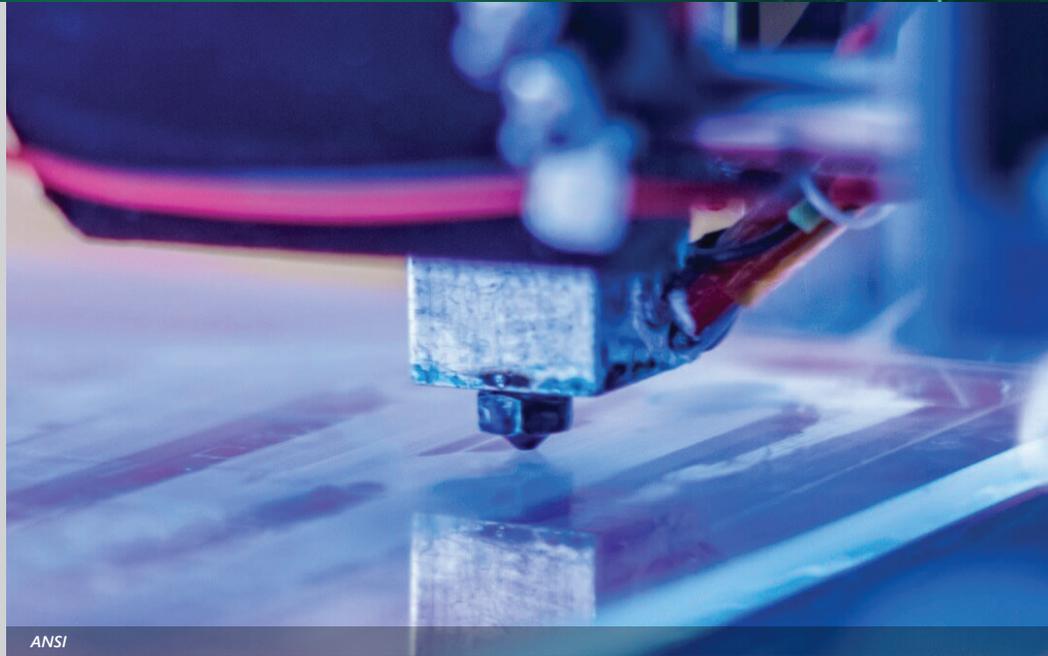
Dr Andrew S. Podgorski serves as the subject matter expert (SME) in electromagnetic (EM) weapons, composite protection against all EM threats, and standards. His research conducted at ASR Technologies Inc. supported NATO, the U.S. Navy, Air Force, and Strategic Defense and resulted in receiving 15 U.S. and 20 world patents. Two of his latest U.S. patents describe space-time and pulse-driven arrays that increase radiated microwave power by 20 times to terawatts for destruction of targets.

ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are a subject matter expert (SME)!

Join our team today!

BECOME A SUBJECT MATTER EXPERT



ANSI

HIGHLIGHT

Draft Standardization Roadmap for Additive Manufacturing Version 3.0 Released for Comment

America Makes and the American National Standards Institute (ANSI) released a draft of the Standardization Roadmap for Additive Manufacturing (Version 3.0) for public review and comment. Developed by the America Makes and ANSI Additive Manufacturing Standardization Collaborative (AMSC), the roadmap was last published in June 2018. It identifies key issues, notes relevant published and in-development... [LEARN MORE](#)

FEATURED NEWS

Voices From DARPA Podcast Episode 67: Wireless Power Beaming

This 13-minute episode of the Voices From DARPA podcast series explores the possibility of an “energy web” that, much like the World Wide Web allows for near-instantaneous communication, could instantly distribute energy from remote, currently untapped sources. DARPA Program Manager Col. Paul Calhoun describes his bold POWER program aimed at leveraging power beaming for... [READ MORE](#)

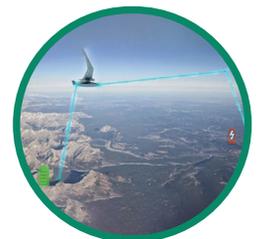


Image: DARPA



DVIDS

WEBINARS

Electromagnetic Shielding With Composite Materials

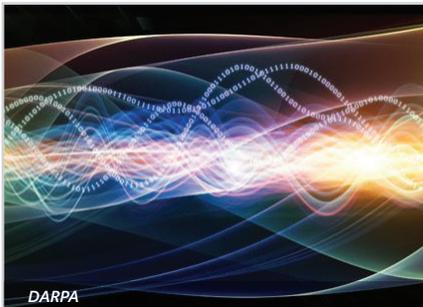
Presented: May 17, 2023 12:00 PM – 1:00 PM

Presenter: Harry R. Luzetsky

Host: DSIAC

Military and commercial vehicles operate in varied electromagnetic (EM) environments, which affect their onboard electrical/electronic systems. Lightning, electromagnetic pulse (EMP), and high-power microwave energy can cause detrimental effects.

Although circuit architecture is used to mitigate some of these effects, a sure way is to place the sensitive electronics within a... [LEARN MORE](#)



High-Power, Radio Frequency/ Microwave, Directed Energy Weapons Models and Simulations

June 21, 2023 12:00 PM

EVENTS

STRATUS 2023

May 22–23, 2023

Rochester, NY



Image: U.S. Department of Defense

NSMMS & CRASTE Joint Symposia

June 26–29, 2023

Tucson, AZ



Image: DVIDS

Military Standard 810 (MIL-STD-810) Test Training (NTS Chicago, IL)

July 10–13, 2023

Chicago, IL



Image: Equipment Reliability Institute

Want your event listed here?

Email contact@dsiac.org, to share your event.

DID YOU MISS OUR LAST WEBINAR?

“Electromagnetic Spectrum Operations”

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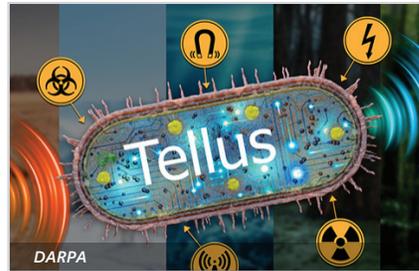
-  Advanced Materials
-  Autonomous Systems
-  C4ISR
-  Directed Energy
-  Energetics
-  Military Sensing
-  Non-Lethal Weapons
-  RMQSI
-  Survivability & Vulnerability
-  Weapons Systems

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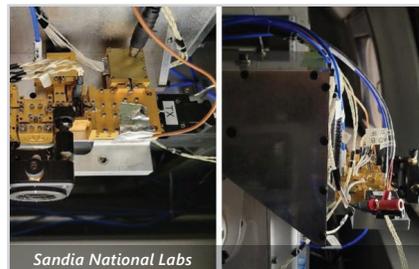
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Unmanned Surface Vessel Transits Strait of Hormuz With U.S. Coast Guard

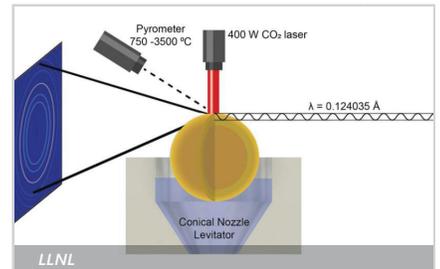
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Sandia National Labs

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LLNL

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Lawrence Livermore National Labs