

NDIA
AT THE HEART
OF THE MISSION

vFUZE

**Next-Generation Fuzing for
Next-Generation Weapons Systems**

August 4 – 5, 2020 | [NDIA.org/vFuze](https://ndia.org/vFuze)

AGENDA

TUESDAY, AUGUST 4

- 10:00 – 10:05 am **INTRODUCTION & ADMIN REMARKS**
Thomas Harward
Lead Technologist, Fuze & Safety Devices, Advanced Systems, Raytheon Technologies
- 10:05 – 10:15 am **NDIA OPENING REMARKS**
MG James Boozer, USA (Ret)
Executive Vice President, National Defense Industrial Association (NDIA)
- 10:15 – 10:45 am **KEYNOTE SPEAKER**
Lt Col Brian “Hanzo” Stiles, USAF
Commander, 72d Test and Evaluation Squadron, Whiteman Air Force Base, U.S. Air Force
- 11:00 – 11:20 am **ARMY S&T STRATEGY**
Mike Connolly
Electronics Engineer, CCDC AvMC, U.S. Army
- 11:35 – 11:55 am **NAVY S&T STRATEGY**
Kevin Cochran
Technical Project Manager, Naval Surface Warfare Center – Indian Head Explosive Ordnance Disposal Technology Division (NSWC-IHEODTD)
- 11:55 am – 12:10 pm **NETWORKING CHAT LOBBY BREAK**
- 12:10 – 12:30 pm **AIR FORCE S&T STRATEGY**
George Jolly
Technical Advisor, Air Force Research Laboratory/RWMF
- 12:45 – 1:05 pm **MEMS SHOCK ACCELEROMETER CHARACTERIZATION FOR HIGH G APPLICATIONS**
Adriane Moura
Staff Mechanical Engineer 2, Applied Research Associates, Inc.
- 1:20 – 1:40 pm **SESSION**
- 1:55 – 2:15 pm **DEVELOPMENT IN METAL MEMS LATCHING SETBACK SENSING MECHANISM**
Kevin O’Connor, Jr.
Mechanical Engineer, CCDC – Armaments Center, Fuze Division, U.S. Army

2:15 – 2:45 pm

NETWORKING CHAT LOBBY**WEDNESDAY, AUGUST 5**

10:00 – 10:05 am

INTRODUCTION & ADMIN REMARKS**Thomas Harward**

Lead Technologist, Fuze & Safety Devices, Advanced Systems, Raytheon Technologies

10:05 – 10:25 am

FUZE INCIDENT, SHOALWATER BAY, AUSTRALIA, 2014**Bernard Smith-Roberts**

Engineering Systems Manager, Explosive Materiel Branch Joint Systems Division, Capacity Acquisition and Sustainment Group, Australian Department Of Defense

10:45 – 11:05 am

ARMY S&T STRATEGY**Nick Malinoski**

Supervisory Engineer , U.S. Army Future Command - Combat, Capabilities and Development Command - Armaments Center - Fuze Division

11:20 – 11:40 am

SANDIA NATIONAL LABORATORIES CAPABILITIES AND MISSION**Adam Church**

Manager, 2627 Advanced Fuzing Technology, Sandia National Laboratories

11:55 am – 12:15 pm

DOD JOINT FUZE TECHNOLOGY PROGRAM (JFTP)**Lawrence Fan**

Fuze Program Manager, Naval Surface Warfare Center Indian Head Explosive Ordnance Disposal Technician Technology Division

12:15 – 12:30 pm

NETWORKING CHAT LOBBY

12:30 – 12:50 pm

FUZE TECHNOLOGY REFRESH**VINCE MATRISCIANO**

Research & Development Program Manager, Joint Program Executive Office Armaments & Ammunition, Picatinny Arsenal

1:05 – 1:25 pm

FULLY RESETTABLE MEMS SAFE/ARM WITH LOCK AND SLIDER POSITION FEEDBACK**Dr. Daniel Jean**

Micro-Electromechanical Systems, Naval Surface Warfare Center

1:40 – 2:00 pm

NEXT-GENERATION LARGE CALIBER SETTER**Maxim Keyler**

Electronics Engineer, U.S. Army Combat Capabilities Development Command - Armaments Center

2:00 – 2:30 pm

NETWORKING CHAT LOBBY