vFUZE

Next-Generation Fuzing for Next-Generation Weapons Systems

August 4 – 5, 2020 | 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

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, U.S. Army Combat Capabilities Development Command, Aviation and Missile Center

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

11:55 am – 12:10 pm  NETWORKING CHAT LOBBY BREAK

12:10 – 12:30 pm  AIR FORCE S&T STRATEGY  
George Jolly  

12:45 – 1:05 pm  MEMS SHOCK ACCELEROMETER CHARACTERIZATION FOR HIGH G APPLICATIONS  
Dr. Adriane Moura  
Staff Mechanical Engineer 2, Applied Research Associates, Inc.

1:20 – 1:40 pm  MODULAR APPROACH TO THE MunITION FuZE DEVELOPMENT FOR CASE TELESCOPED WEAPON SYSTEMS  
Isabelle Delagrange  
Ammunition Lead Engineer, CTA International
1:55 – 2:15 pm  DEVELOPMENT IN METAL MEMS LATCHING SETBACK SENSING MECHANISM  Kevin O’Connor, Jr.  Mechanical Engineer, U.S. Army Combat Capabilities Development Command, Armaments Center, Fuze Division

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


10:45 – 11:05 am  ARMY S&T STRATEGY  Nick Malinoski  Supervisory Engineer, U.S. Army Combat Capabilities Development Command, Armaments Center, Fuze Division

11:20 – 11:40 am  SANDIA NATIONAL LABORATORIES CAPABILITIES AND MISSION  Shane Curtis  Senior Staff Member, 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**