vFUZE

Next-Generation Fuzing for Next-Generation Weapons Systems

August 4 – 5, 2020 | NDIA.org/vFuze
## AGENDA

### TUESDAY, AUGUST 4

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