FUTURE FORCE CAPABILITIES CONFERENCE & EXHIBITION

Armaments, Robotics, Munitions, and EOD

October 18 – 21 | Columbus, GA | NDIA.org/FutureForce21
AGENDA

MONDAY, OCTOBER 18

11:00 am – 7:00 pm  REGISTRATION
SOUTH HALL LOBBY

1:50 – 2:00 pm  CAPABILITIES KICK-OFF
IRON WORKS BALLROOM
Don Sando
Deputy to the Commanding General and Director of Capabilities Development & Integration, U.S. Army Maneuver Center of Excellence

2:00 – 3:00 pm  CONCEPTS DIVISION EMERGING TECHS
IRON WORKS BALLROOM
Don Sando
Deputy to the Commanding General and Director of Capabilities Development & Integration, U.S. Army Maneuver Center of Excellence

Moderator
Jim Stone
Acting Director, Concept Development Division, Maneuver Capabilities Development & Integration Directorate
Invited

3:05 – 4:05 pm  ACM STRYKER AND EMERGING ARTIC CONDITIONS
IRON WORKS BALLROOM
Don Sando
Deputy to the Commanding General and Director of Capabilities Development & Integration, U.S. Army Maneuver Center of Excellence

Moderator
Dom Edwards

4:10 – 5:10 pm  MANEUVER BATTLE LAB/ACM’S
IRON WORKS BALLROOM
Don Sando
Deputy to the Commanding General and Director of Capabilities Development & Integration, U.S. Army Maneuver Center of Excellence

Moderator
COL Christopher Budihas, USA
Director, Maneuver Battle Lab, Maneuver Capabilities Development & Integration Directorate
Invited

5:10 – 6:30 pm  RECEPTION
NATIONAL INFANTRY MUSEUM
Don Sando
Deputy to the Commanding General and Director of Capabilities Development & Integration, U.S. Army Maneuver Center of Excellence
TUESDAY, OCTOBER 19

7:00 am – 5:50 pm  REGISTRATION  SOUTH HALL LOBBY

8:00 – 8:15 am  NDIA OPENING REMARKS  IRON WORKS BALLROOM
MG James Boozer, USA (Ret)
Executive Vice President, National Defense Industrial Association (NDIA)

8:20 – 8:35 am  WELCOME REMARKS  IRON WORKS BALLROOM
MG Patrick Donahoe, USA
Commanding General, U.S. Army Maneuver Center of Excellence

8:40 – 9:20 am  KEYNOTE SPEAKER  IRON WORKS BALLROOM
Ellen Lord
Former Under Secretary of Defense for Acquisition & Sustainment

9:20 – 9:50 am  NETWORKING BREAK  EXHIBIT NORTH AND SOUTH HALLS

9:50 – 10:30 am  KEYNOTE SPEAKER  IRON WORKS BALLROOM
LTG Scott McKean, USA
Deputy Commanding General, U.S. Army Futures Command
Director, Futures and Concepts Center
Invited

10:30 – 11:00 am  BUDGET BRIEF  IRON WORKS BALLROOM
Jay Brannam
Executive Director, Munitions Industrial Base Task Force

11:00 am – 12:30 pm  NETWORKING LUNCH  EXHIBIT NORTH AND SOUTH HALLS
<table>
<thead>
<tr>
<th>Time</th>
<th>ROBOTICS</th>
<th>SMALL ARMS</th>
<th>GARM</th>
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| 12:30 – 12:55 pm | **An Army Robotics and Autonomous Systems Update**  
  Matt Dooley  
  Chief Executive Officer, Fidelium, LLC  
  **Moderator**  
  Dr. Bob Sadowski  
  Senior Robotics Scientist, Research, Technology, & Integration Directorate, Ground Vehicle Systems Center, U.S. Army Combat Capabilities Development Command (DEVCOM)  
  **Invited**  
  MAJ Corey Wallace, USA  
  Robot Combat Vehicle Lead, Next Generation Combat Vehicle Cross-Functional Team  
  **Invited** | **PM Soldier Lethality Panel**  
  COL Scott Madore, USA  
  Project Manager, Soldier Lethality, U.S. Army  
  **Moderator**  
  David Oatley  
  Executive Operations Group, Assistant Secretary of the Army for Acquisition, Logistics, & Technology, U.S. Army  
  LTC Peter Stambersky, USA  
  Product Manager, Individual Weapons, Office of the Product Manager for Individual Weapons  
  LTC Joshua Headley, USA  
  Product Manager, Next Generation Weapons, U.S. Army | **23815**  
  Integrated Quality Management Reduces Risk for Armament, Robotic, and Munitions Manufacturers  
  Thomas Hargett  
  Senior Account Manager, TIP Technologies | **23931**  
  MIM Frangible Energetic Projectiles for Medium Caliber Weapons  
  Howard Kent  
  Chief Executive Officer, Armor Development Group LLC |
| 1:00 – 1:25 pm   | **24083**  
  All-Domain Execution and Planning (ADEPT) Framework  
  Camila Francolin  
  Division Leader, Autonomy, Guidance, Navigation, & Control, Draper | | |
| 1:30 – 1:55 pm   | **24064**  
  Autonomous Robotic Systems Act as Force Multipliers to Improve Warfighting Safety and Increase Operational Tempo  
  Jonathan Brown  
  Manager, Business Development, RE2 Robotics | | |
| 2:00 – 2:25 pm   | **24005**  
  Long-Life Gun Barrel Tests  
  George Kontis  
  Chief Executive Officer, Gun IQ International LLC | | **24032**  
  Modernizing the Energetics Manufacturing Industrial Base  
  Chris Marlow  
  Project Manager, Franklin Engineering Group, Inc. |
| 2:25 – 2:55 pm   | **NETWORKING BREAK – EXHIBIT HALL**  
  EXHIBIT NORTH AND SOUTH HALLS | | |
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<tr>
<td>24030</td>
<td><strong>DoD EOD Program Board Update</strong></td>
<td><strong>Ammunition Enterprise Cross-Service Update</strong></td>
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<tr>
<td><strong>Prism Demonstration</strong>&lt;br&gt;Michael Greco&lt;br&gt;Computer Scientist, Armaments Center, U.S. Army DEVCOM</td>
<td></td>
<td>BG William Boruff, USA&lt;br&gt;Joint Program Executive Officer, Armaments &amp; Ammunition&lt;br<em>Moderator</em>&lt;br<em>Invited</em></td>
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<tr>
<td>24041</td>
<td><strong>Army Panel</strong>&lt;br&gt;COL Shawn Kadlec, USA&lt;br&gt;Director, Explosive Ordnance Disposal, Training &amp; Doctrine Command Integration Office, U.S. Army Combined Arms Support Command&lt;br&gt;COL Russ Hoff, USA&lt;br&gt;Project Manager, Close Combat Systems, Joint Program Executive Office for Armaments &amp; Ammunition&lt;br&gt;LTC Clinton Pearce, USA&lt;br&gt;Protection Branch Chief, Deputy Chief of Staff, Department of the Army (G-8)</td>
<td><strong>RAD Brian Corey, USN</strong>&lt;br&gt;Program Executive Officer, Unmanned Aviation &amp; Strike Weapons&lt;br&gt;<em>Invited</em></td>
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<td><strong>Human Autonomy Interactions for Intelligent Weapons Systems</strong>&lt;br&gt;Dr. Brent Lance&lt;br&gt;Computer Scientist, U.S. Army Research Laboratory</td>
<td></td>
<td><strong>Brig Gen Heath Collins, USAF</strong>&lt;br&gt;Program Executive Officer, Weapons, and Director, Armament Directorate, Air Force Materiel Command, Eglin Air Force Base, FL&lt;br&gt;<em>Invited</em></td>
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<td>24021</td>
<td><strong>USMC Panel</strong>&lt;br&gt;Lt Col Jason Perry, USMC&lt;br&gt;Headquarters, U.S. Marine Corps&lt;br&gt;Capt Darryl Ellis, USMC&lt;br&gt;Capabilities Integration Officer, Explosive Ordnance Disposal&lt;br&gt;Rick Daly&lt;br&gt;U.S. Marine Corps Systems Command</td>
<td><strong>BG Gavin Gardner, USA</strong>&lt;br&gt;Commander, Joint Munitions Command&lt;br&gt;<em>Invited</em></td>
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<td><strong>Winning the Gray Zone: The Importance of Intermediate Force Capabilities</strong>&lt;br&gt;COL Wendell Leimbach, Jr., USA&lt;br&gt;Director, Joint Intermediate Force Capabilities Office, U.S. Department of Defense</td>
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<td><strong>Scott Adams</strong>&lt;br&gt;Program Manager, Marine Corps Systems Command, U.S. Marine Corps&lt;br&gt;<em>Invited</em></td>
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<td>24050</td>
<td><strong>The Development and Status of the Fire and Ordnance Control for Unmanned Systems (FOCUS)</strong>&lt;br&gt;Thomas Spirock&lt;br&gt;Electrical Engineer, Armaments Center, U.S. Army DEVCOM</td>
<td><strong>Industry Panel: Large Business</strong></td>
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<td>Jay Brennan&lt;br&gt;Executive Director, Munitions Industrial Base Task Force&lt;br&gt;<em>Moderator</em></td>
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<td>Jason Gaines&lt;br&gt;Vice President and General Manager, Munitions Systems, Ordnance &amp; Tactical Systems, General Dynamics&lt;br&gt;<em>Invited</em></td>
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<td>Dan Olson&lt;br&gt;Vice President and General Manager, Weapon Systems, Northrop Grumman&lt;br&gt;<em>Invited</em></td>
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<td>Brett Flaugher&lt;br&gt;President, Winchester&lt;br&gt;<em>Invited</em></td>
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<td>Brian Gaithright&lt;br&gt;The Boeing Company&lt;br&gt;<em>Invited</em></td>
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<td>Mike Yoh&lt;br&gt;President, Munitions &amp; Government, Day &amp; Zimmerman Defense&lt;br&gt;<em>Invited</em></td>
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| 3:00 – 3:25 pm | 23987 Considerations for Lethality Packages on Unmanned Ground Vehicle Platforms: Arming a Killer Robot  
BG Phillip Coker, USA (Ret)  
Chief Executive Officer, EOS Defense Systems USA, Inc. | Joint Service Small Arms Synchronization Team (JSSAST) Panel  
Gus Funcasta  
Chief, Joint Service Small Arms Program Office, Armaments Center, U.S. Army DEVCOM, U.S. Army Futures Command  
**Moderator**  
COL Lance Green, USA  
Military Deputy, Armaments Center, U.S. Army DEVCOM  
COL Rhett Thompson, USA  
Director, Soldier Requirements Division, Maneuver Capabilities & Integration Directorate  
Christopher Woodburn  
Deputy, Maneuver Branch, Capabilities Directorate, Combat Development & Integration, Headquarters, U.S. Marine Corps  
Craig LaMudge  
Program Manager, Combat Arms, HQ USAF/A4SF  
CAPT Robert Bryans, USN  
Principal, Joint Service Small Arms Team, U.S. Navy  
CAPT David Ramassini, USCG  
Principal, Joint Service Small Arms Team, U.S. Coast Guard | 24034 Data Science & ML-Enabled Terminal Effects Optimization  
Roshan Patel  
Systems Engineer, U.S. Army  
Zachary Krogstad  
Data Scientist, Systems Analysis Division, Armaments Center, U.S. Army DEVCOM  
Kevin Eng  
Statistician, Armaments Center, U.S. Army DEVCOM |
| 3:30 – 3:55 pm | 23747 Critical Scout – Repurposing Small Ground Robotic Vehicles TP Pinpoint Observers  
Howard Kent  
Chief Executive Officer, Armor Development Group LLC | 24040 Analytical Evaluation and Redesign of the MK44 Rounds Positioner Spring Using Adam Multibody Dynamics Simulation Software  
Jesse Behrens  
Senior Principal Systems Engineer, Northrop Grumman |
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<td>USMC Panel Continued</td>
<td>Industry Panel: Medium and Small Businesses</td>
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| 24073| Range Extension for the Anti-Access Battlefield | Kevin Knotts  
  President and Chief Executive Officer, Azimuth Consulting  
  Moderator |
|      | John Martins  
  Director, International Programs, MBDA, Inc. | David Siggers  
  President, Spectra Technologies LLC  
  Invited  
  Scott Selle  
  President, Armtac Defense Technologies  
  Nick Korinis  
  President and Chief Executive Officer, SAVIT Corporation |
| 23999| Modernizing the Army by Utilizing Design of Experiments Approaches to Determine System Effectiveness in a Stochastic Infantry Simulation |  
  Kevin Singer  
  Lead Military Operations Researcher, Armaments Center, U.S. Army DEVCOM |
| 24011| Enabling Explosive Ordnance Disposal Operations in The Electromagnetic Spectrum |  
  Jerry Coburn  
  Senior Director, Business Development, Sierra Nevada Corporation  
  David Barnhard  
  Director, Business Development, Kutta Technologies, Inc. |
| 24040| Analytical Evaluation and Redesign of the MK44 Rounds Positioner Using Adam Multibody Dynamics Simulation Software |  |
TUESDAY CONCURRENT BREAKOUT SESSIONS

ROBOTICS | SMALL ARMS | GARM

4:00 – 4:25 pm

24035
FENRIS: Persistent Autonomous ISR in the Arctic and Beyond

James Crowell
Founder and Chief Executive Officer, Crow Industries

Joint Service Small Arms Program (JSSAP) Office Session

Gus Funcasta
Chief, Joint Service Small Arms Program Office, Armaments Center, U.S. Army DEVCOM, U.S. Army Futures Command
Moderator

Mark McFadden

24049
Multifunction Sealing, Quality Assurance and Ammunition Marking Systems

Harry Arnon
Chief Executive Officer, Hernon Manufacturing, Inc.

4:30 – 4:55 pm

24070
Gaining Decision-Making Advantage through Force Design and Mission Integration

Bryan Clark
Senior Fellow, Hudson Institute

24025
Decision Analytics for Threat Response

Greg Sassaman
Operations Research Analyst, Armaments Center, U.S. Army DEVCOM

24007
Enhanced Situational Awareness for the Modern EOD Warrior

Dr. Aris Makris
Vice President, Research & Development, and Chief Technology Officer, Med-Eng

Energetics and Lethality: The Imperative to Reshape the U.S. Military Kill Chain

Dr. Thomas Russell
Former Deputy Assistant Secretary of the Army for Research & Technology

Hon. Katrina McFarland
Former Assistant Secretary of Defense for Acquisition

Dr. Theresa Mayer
Executive Vice President, Research & Partnerships, Purdue University

Major General Bill Hix, USA (Ret)
Former Chief, Strategy Office, U.S. Army

Dr. Robert Wadle
Consultant

4:55 – 5:00 pm

CLOSING REMARKS

5:00 – 6:30 pm

NETWORKING RECEPTION
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| **24025**  
*Decision Analytics for Threat Response*  
Greg Sassaman  
Operations Research Analyst, Armaments Center, U.S. Army DEVCOM | **24007**  
*Enhanced Situational Awareness for the Modern EOD Warrior*  
Dr. Aris Makris  
Vice President, Research & Development, and Chief Technology Officer, Med-Eng | **Energetics and Lethality: The Imperative to Reshape the U.S. Military Kill Chain**  
Dr. Thomas Russell  
Former Deputy Assistant Secretary of the Army for Research & Technology  
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Former Assistant Secretary of Defense for Acquisition  
Dr. Theresa Mayer  
Executive Vice President, Research & Partnerships, Purdue University  
Major General Bill Hix, USA (Ret)  
Former Chief, Strategy Office, U.S. Army  
Dr. Robert Wadle  
Consultant |
| **23730**  
*Weatherizing Electronic Coating with Self-Healing Properties*  
Dr. Evan Vickers  
Lead Material Scientist, NanoFlowX | **24023**  
*Searchable Ordnance Database*  
Anthony O'Shaughnessy  
Chief Executive Officer and Managing Partner, FMF Technology, LLC | |
| | | |
WEDNESDAY, OCTOBER 20

7:00 am – 5:00 pm  REGISTRATION  SOUTH HALL LOBBY

8:00 – 8:15 am  OPENING REMARKS  IRON WORKS BALLROOM

8:20 – 9:05 am  KEYNOTE SPEAKER  IRON WORKS BALLROOM
GEN Ed Daly, USA
Commanding General, U.S. Army Materiel Command  
Invited

9:10 – 9:40 am  NETWORKING BREAK  EXHIBIT NORTH AND SOUTH HALLS

9:40 – 10:25 am  DOD FOREIGN COMPARATIVE TEST OFFICE 2021 OVERVIEW  IRON WORKS BALLROOM
Col Corey Beaverson, USAF
Director, Mission Prototype Office, Office of the Under Secretary of Defense for Research & Engineering  
Invited

10:30 – 11:30 am  AWARDS PRESENTATION  IRON WORKS BALLROOM

11:30 am – 1:00 pm  NETWORKING LUNCH  EXHIBIT NORTH AND SOUTH HALLS
AN ONLINE COMMUNITY FOR DEFENSE PROFESSIONALS

Various specialized communities are available for you to join and use, all while enhancing your Division and Chapter participation and growing your network.

As the National Defense Industrial Association’s members-only online community, NDIA Connect offers 24/7 exclusive access to content, contacts, and collaboration capabilities. Each day, defense professionals from around the world post their thoughts, questions, and answers related to topics ranging from cybersecurity and the space domain to international trade regulations and human systems. Log in today to join these conversations and take advantage of all that NDIA Connect enables:

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- Collaborate on projects and documents of all kinds
- Plan meetings, seminars, webinars, conferences, or any NDIA-related event
- Foster discussion, promote innovation, and grow your network

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<td>1:00 – 1:25 pm</td>
<td>24039</td>
<td>24008</td>
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<td>Hardware Enforced Data Separation Security on Autonomous Robotic Systems or: How I Learned to Stop Worrying and Trust the Robot Matthew Dosmann Vice President, Strategy, InZero Technologies</td>
<td>Modular Multi-Mode Seeker Greg Newman Technical Director, Engineering, Elbit Systems of America</td>
<td>Shaping the Future of Indirect Fires Tiffany Winzell Executive Director, Business Development, Elbit Systems of America</td>
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<td>1:30 – 1:55 pm</td>
<td>24004</td>
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<td>24009</td>
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<td>Mobile Minefield: How to Kill Modern Tanks That Have Advanced Protection With Small Robots Dewey Akers Vice President, Sales, Spartan Armor Systems</td>
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<td>Shaping the Future of Indirect Fires Tiffany Winzell Executive Director, Business Development, Elbit Systems of America</td>
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<td>2:00 – 2:25 pm</td>
<td>24058</td>
<td>24054</td>
<td>24036</td>
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<td>The Multi-Purpose Expeditionary Platform Caleb Holt Chief Executive Officer, Tracks North America, LLC</td>
<td>Intermediate Caliber Virtual-Baffle Suppressor System Dr. Phillip Burnside Mechanical Engineer, NSWC – Crane</td>
<td>Mk52 Chain Gun (7.62 X 62mm) History, Capabilities, Reliability, And Platform Integration Art O’Donnell Lead, Engineering, Northrop Grumman Defense Systems</td>
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<td>2:25 – 2:55 pm</td>
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<td>Armament Sustainment and Lethality Multipliers in Expeditionary Settings Jonathan Ross Manager, Strategic Initiatives, Marvin Engineering Co., Inc.</td>
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| UEA | Passive IR Projectile Tracking for RWS Closed-Loop Fire Control  
Matt Robertson  
Weapons Systems, NSWC – Crane |
|-----|------------------------------------------------------------------|
| EOD | Navy Panel  
CAPT Josh Jackson, USN  
OPNAV N957 |
| MES | PM Acquisition Panel (Closed to Media)  
Chris Grassano  
Deputy Program Executive Officer, Joint Program Executive Office for Armaments & Ammunition  
Moderator  
CAPT Brian Schorn, USN  
Project Director, Joint Bombs, Joint Program Executive Office for Armaments & Ammunition  
COL Russel Hoff, USA  
Project Manager, Close Combat Systems, Joint Program Executive Office for Armaments & Ammunition  
COL Anthony Gibbs, USA  
Project Manager, Combat Ammunition Systems, Joint Program Executive Office for Armaments & Ammunition  
COL Paul Alessio, USA  
Project Manager, Maneuver Ammunition Systems, Joint Program Executive Office for Armaments & Ammunition  
Matt Zimmerman  
Project Director, Joint Services, Joint Program Executive Office for Armaments & Ammunition Invited |
| 23729 | Hydrone Multi-Domain (Marine, Ground, Air) Vehicle  
Scott Kempshall  
President and Chief Executive Officer, HyALTA Aeronautics Inc. |
| 24006 | Armament Sustainment and Lethality Multipliers in Expeditionary Settings  
Jonathan Ross  
Manager, Strategic Initiatives, Marvin Engineering Co., Inc. |
| 24006 | USAF Panel  
Dr. John Olive  
AFCEC/CXD |
| 24004 | Mobile Minefield: How to Kill Modern Tanks That Have Advanced Protection With Small Robots  
Dewey Akers  
Vice President, Sales, Spartan Armor Systems |
| 23729 | Shaping the Future of Indirect Fires  
Tiffany Winzell  
Executive Director, Business Development, Elbit Systems of America |
| 24006 | Hydrone Multi-Domain (Marine, Ground, Air) Vehicle  
Scott Kempshall  
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| 3:00 – 3:25 pm | **24019** AI-Enabled and UAS-Supported Terrain-Traversability Assessment for Off-Road Navigation of Robotic and Autonomous Systems (RAS)  
Dr. Yoichiro Endo  
Director, Robotics & Electromechanical Systems, Intelligent Automation, Inc. | **24015** Full-Performance Reduced-Range Bullets R2  
Johannes Sequard-Base, MSc  
Nostromo LLC | **24063** Counter Improvised Explosive Devices (CIED)  
Dr. Benjamin Barrowes  
Senior Research Electrical Engineer, Cold Regions Research & Engineering Laboratory, U.S. Army Corps of Engineers |
| 3:30 – 3:55 pm | **24079** Emerging Technologies for Armed Unmanned Systems  
Gus Taylor  
Chief Engineer, Weapons Systems, NSWC – Crane  
Ernesto Garcia-Lopez  
Special Programs Manager, Strategic Relationships Division, Business Interface Office, Enterprise & Systems Integration Center, Armaments Center, U.S. Army DEVCOM | **24028** Artificial Intelligence-Enabled Small Arms for Networked Lethality  
Ross Towers  
Lead, Future Fire Control Team, Small Arms, Armaments Center, U.S. Army DEVCOM | **USMC – APBI**  
Capt Howard Mill, USMC  
Chief Information Officer, Counter-UAS, Aviation Combat Element Division, Combat Development and Integration |
| 4:00 – 4:25 pm | **24038** Optionally Manned Semi-Autonomous Howitzer  
Michael Evans  
Program Manager, Fires Programs, AM General LLC | **24029** Semi-Autonomous Engagement Mechanisms and Effects for Small Arms  
Ross Towers  
Lead, Future Fire Control Team, Small Arms, Armaments Center, U.S. Army DEVCOM | **USN-APBI** |
| 4:30 – 4:55 pm | **24014** Perception-Based Robotic Reconnaissance Team Coordination in a Hostile Environment  
Dr. Hambisa Keno  
Principal Scientist, FAST Labs, BAE Systems | **24048** Mechanochemically Assisted Broaching of Refractory-Lined Gun Barrels  
Dr. Jason Davis  
Mechanical Engineer, NSWC – Crane | **24045** Xm914e2 Chain Gun – LW30 (30mm X 113mm) Capability on Light Tactical Vehicles  
John Inman  
System Engineer, Northrop Grumman |
| 4:55 – 5:00 pm | **CLOSING REMARKS**  
MG James Boozer, USA (Ret)  
Executive Vice President, NDIA | | |
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<tr>
<td>24060</td>
<td><strong>TRAPS: Empowering FWS-I and Storm Systems</strong></td>
<td>Session</td>
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|     | Leif Horton  
Vice President, Sales, TX-Tactical |     |
| 24056 | **Reinforced Concrete Wall Performance Prediction Using Deep Neural Network** | Session |
|     | David Holgado  
Senior Productive Design Engineer, Stone Security Engineering |     |
| 24046 | **Virtual Gunner** | Session |
|     | William Nuckois  
Program Director, Ground Combat Systems, Elbit Systems of America |     |
| 24086 | **Capability Integration: Considering for Delivering the Future** | Session |
|     | Tom Henthorn  
Capability Developer, USG CTR, Joint Service Small Arms Program |     |
| 24074 | **Briefing on EOD Issues with Disposing of Insensitive Munitions** |     |
|     | Willie Snell  
Specialist, Explosive Ordnance Disposal Equipment, U.S. Army EOD Technical Detachment |     |
| 24076 | **NSWC Indian Head Battle Lab** |     |
|     | Catherine Eaton  
Director, Battle Lab Division, NSWC – Indian Head |     |
| 24081 | **The EOD Future Threat Landscape and Explosive Detection Technology Advancements** |     |
|     | Sean Dennis  
President, United States Bombs Tech Association |     |
| 24079 | **Emerging Technologies for Armed Unmanned Systems** |     |
|     | Gus Taylor  
Chief Engineer, Weapons Systems, NSWC – Crane |     |
|     | Ernesto Garcia-Lopez  
Special Programs Manager, Strategic Relationships Division, Business Interface Office, Enterprise & Systems Integration Center, Armaments Center, U.S. Army DEVCOM |     |
| 24048 | **Mechanochemically Assisted Broaching of Refractory-Lined Gun Barrels** |     |
|     | Dr. Jason Davis  
Mechanical Engineer, NSWC – Crane |     |
| 24045 | **Xm914e2 Chain Gun – LW30 (30mm X 113mm) Capability on Light Tactical Vehicles** |     |
|     | John Inman  
System Engineer, Northrop Grumman |     |
| 24038 | **Optionally Manned Semi-Autonomous Howitzer** |     |
|     | Michael Evans  
Program Manager, Fires Programs, AM General LLC |     |
| 24076 | **NSWC Indian Head Battle Lab** |     |
|     | Catherine Eaton  
Director, Battle Lab Division, NSWC – Indian Head |     |
| 24046 | **Virtual Gunner** |     |
|     | William Nuckois  
Program Director, Ground Combat Systems, Elbit Systems of America |     |
| 24086 | **Capability Integration: Considering for Delivering the Future** |     |
|     | Tom Henthorn  
Capability Developer, USG CTR, Joint Service Small Arms Program |     |
| 24074 | **Briefing on EOD Issues with Disposing of Insensitive Munitions** |     |
|     | Willie Snell  
Specialist, Explosive Ordnance Disposal Equipment, U.S. Army EOD Technical Detachment |     |
| 24076 | **NSWC Indian Head Battle Lab** |     |
|     | Catherine Eaton  
Director, Battle Lab Division, NSWC – Indian Head |     |
THURSDAY, OCTOBER 21

8:30 am  TRANSPORTATION PICK-UP
          COLUMBUS, GA, CONVENTION AND TRADE CENTER

8:45 am  ARMOR RESTORATION SHOP
          SAND HILL

10:45 am RANGERS IN ACTION DEMONSTRATION
          RANGER TRAINING BRIGADE (RTB)

11:30 am TRANSPORT TO SMALL ARMS LIVE-FIRE DEMONSTRATION

12:00 pm LUNCH

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