

Renaissance In Munitions - A Realization that Assured Lethality and a Robust Munition Industrial Base Matters to National Security

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# NDIA

#### WHO WE ARE

The National Defense Industrial Association is the trusted leader in defense and national security associations. As a 501(c)(3) corporate and individual membership association, NDIA engages thoughtful and innovative leaders to exchange ideas, information, and capabilities that lead to the development of the best policies, practices, products, and technologies to ensure the safety and security of our nation. NDIA's membership embodies the full spectrum of corporate, government, academic, and individual stakeholders who form a vigorous, responsive, and collaborative community in support of defense and national security. For more than 100 years, NDIA and its predecessor organizations have been at the heart of the mission by dedicating their time, expertise, and energy to ensuring our warfighters have the best training, equipment, and support. For more information, visit NDIA.org

#### **GET INVOLVED**

Learn more about NDIA's divisions and how to join one at NDIA.org/Divisions



**MUNITIONS TECHNOLOGY** 

#### **Nick Perry Division Chair**

LEADERSHIP AND COMMITTEES

#### Moises Gutierrez

Vice Chair

#### **Steve Cummings**

Munitions Executive Summit Chair

## WHO WE ARE

NDIA's Munitions Technology Division works to maintain the open exchange of technical information among government and industry programs and technical managers, and to identify changes and trends in policy, guidance, and organizational functions that affect the development, production, maintenance, and demilitarization of munitions.

## SCHEDULE AT A GLANCE

#### Wednesday, March 22

#### Registration

Nobel Assembly 12:00 - 7:00 pm

#### NDIA\NAC Opening Reception

Nobel Ballroom CD 5:00 - 7:00 pm

#### Thursday, March 23

#### Registration

Nobel Assembly 7:35 am - 6:30 pm

#### **Networking Breakfast**

Nobel Assembly 7:35 - 8:35 am

#### General Session

Nobel Ballroom AB 8:35 am - 5:05 pm

#### **Networking Lunch**

Nobel Ballroom CD 11:45 am - 1:00 pm

#### **Closing Reception**

Nobel Ballroom CD 5:05 - 6:30 pm



## **EVENT INFORMATION**

**LOCATION** 

Hilton Parsippany One Hilton Court Parsippany, NJ 07054

WIFI

Network: MES23
Password: #MunroLive

**ATTIRE** 

Civilian: Business Casual Military: Uniform of the Day

**EVENT CONTACT** 

Erin Peters
Meeting Planner
(703) 247-2586
epeters@NDIA.org

Rhea Ambanta
Program Coordinator
(703) 247-9479
rambanta@NDIA.org

PLANNING COMMITTEE

Todd Anderson Jay Brannam Steve Cummings Monty Dellapi Robert Grubbs Moises Gutierrez Kristina Keller Kevin Knots

Nick Perry Megan Sargeant Mike Willey Matthew Zimmerman

**REAL TIME Q&A** 

slı.do

**Sli.do** is an audience engagement platform that allows users to crowd-source top questions to drive meaningful conversations and increase crowd participation. Participants can up-vote the questions they would most like to hear discussed. Simply tap the thumbs-up button to up-vote a question. Top questions are displayed for the moderator and speaker to answer.

Ask your question by going to Slido.com or downloading the slido mobile. Enter this event code: #2023MES

SURVEY AND PARTICIPANT LIST

You will receive via email a survey and list of participants (name and organization) after the conference. Please complete the survey to make our event even more successful in the future.

SPEAKER GIFTS

In lieu of speaker gifts, a donation is being made to the Fisher House Foundation.

HARASSMENT STATEMENT NDIA is committed to providing a professional environment free from physical, psychological and verbal harassment. NDIA will not tolerate harassment of any kind, including but not limited to harassment based on ethnicity, religion, disability, physical appearance, gender, or sexual orientation. This policy applies to all participants and attendees at NDIA conferences, meetings and events. Harassment includes offensive gestures and verbal comments, deliberate intimidation, stalking, following, inappropriate photography and recording, sustained disruption of talks or other events, inappropriate physical contact, and unwelcome attention. Participants requested to cease harassing behavior are expected to comply immediately, and failure will serve as grounds for revoking access to the NDIA event.

EVENT CODE OF CONDUCT

NDIA's Event Code of Conduct applies to all National Defense Industrial Association (NDIA), National Training & Simulation Association (NTSA), and Women In Defense (WID) meeting-related events, whether in person at public or private facilities, online, or during virtual events. NDIA, NTSA, and WID are committed to providing a productive and welcoming environment for all participants. All participants are expected to abide by this code as well as NDIA's ethical principles and practices. Visit NDIA.org/CodeOfConduct to review the full policy.

## **AGENDA**

#### WEDNESDAY, MARCH 22

12:00 – 7:00 pm **REGISTRATION** 

**NOBEL ASSEMBLY** 

5:00 – 7:00 pm OPENING RECEPTION

NOBEL BALLROOM CD

#### THURSDAY, MARCH 23

7:35 am - 6:30 pm **REGISTRATION** 

**NOBEL ASSEMBLY** 

7:35 – 8:35 am **NETWORKING BREAKFAST** 

**NOBEL ASSEMBLY** 

8:35 – 9:05 am **DIVISION WELCOME** 

NOBEL BALLROOM AB

COL Steve Cummings, USA (Ret)

Vice President, Business Development, Managing Director, RDZM Joint Venture,

Munitions and Government, Day & Zimmermann

Jennifer Stewart

Executive Vice President, NDIA Strategy and Policy

9:05 – 9:10 am VIRTUAL CONGRESSIONAL OVERVIEW

NOBEL BALLROOM AB

Rep Mikie Sherrill

New Jersey's 11th Congressional District, U.S. House of Representatives





9:10 – 9:55 am **KEYNOTE SPEAKER** 

NOBEL BALLROOM AB

Danielle Miller

Director, Assessments and Investments, Office of Industrial Policy, OUSD A&S

9:55 – 10:25 am **NETWORKING BREAK** 

**NOBEL ASSEMBLY** 

10:25 – 11:25 am AMMUNITION ENTERPRISE CROSS-SERVICE UPDATE

NOBEL BALLROOM AB

BG John Reim, USA

Program Executive Officer, Armaments and Ammunition, U.S. Army Joint Program Executive Office

**Dave Castellano** 

Executive Director, METC, Armaments Center

**Scott Adams** 

Program Manager Ammunition, Marine Corps Systems Command, U.S. Marine Corps

11:25 - 11:35 pm INDUSTRIAL COMMITTEE OF AMMUNITION PRODUCERS UPDATE

NOBEL BALLROOM AB

**Todd Anderson** 

Chair, ICAP

President, National Defense Corporation

11:35 – 11:45 am THE JAMES SHIELDS LIFETIME ACHIEVEMENT AWARD

NOBEL BALLROOM AB

Presented by Jennifer Stewart

Executive Vice President, NDIA Strategy and Policy

Presented To COL Richard Palaschak, USA (Ret)

11:45 am – 1:00 pm **NETWORKING LUNCH** 

NOBEL BALLROOM CD

1:00 – 1:45 pm **KEYNOTE SPEAKER** 

NOBEL ASSEMBLY

Pierre Chao

Managing Partner, Proteus Capital Solutions



#### 1:45 - 2:45 PM COLONELS OF INDUSTRY PANEL

NOBEL BALLROOM AB

#### Nicholas Perry

Director, Global Strategy – Defense Systems, Northrop Grumman *Moderator* 

#### COL Steve Cummings, USA (Ret)

Vice President, Business Development, Managing Director, RDZM Joint Venture, Munitions and Government, Day & Zimmermann

#### COL Moises Gutierrez, USA (Ret)

Vice President, Business Development, General Dynamics Ordnance and Tactical Systems

#### COL Elliott Caggins, USA (Ret)

Principal Program Manager, Microsoft

#### 2:45 – 3:15 pm **NETWORKING BREAK**

NOBEL ASSEMBLY

#### 3:15 – 5:00 pm PM ACQUISITION PANEL

NOBEL BALLROOM AB

#### Matt Zimmerman

Acting Deputy JPEO, Armaments and Ammunition

#### Matt Seaman

Business Manager, Project Director Joint Services

#### CAPT Brian Schorn, USN

Project Director, Joint Bombs

#### COL Leon Rogers, USA

Project Manager, Combat Ammunition Systems

#### COL Russell Hoff, USA

Project Manager, Close Combat Systems

#### COL Paul Alessio, USA

Project Manager, Maneuver Ammunition Systems

#### 5:00 - 5:05 pm CLOSING REMARKS

NOBEL BALLROOM AB

#### COL Steve Cummings, USA (Ret)

Vice President, Business Development, Managing Director, RDZM Joint Venture, Munitions and Government, Day & Zimmermann

#### 5:05 – 6:30 pm MES CLOSING RECEPTION

NOBEL BALLROOM CD

The NDIA has a policy of strict compliance with federal and state antitrust laws. The antitrust laws prohibit competitors from engaging in actions that could result in an unreasonable restraint of trade. Consequently, NDIA members must avoid discussing certain topics when they are together at formal association membership, board, committee, and other meetings and in informal contacts with other industry members: prices, fees, rates, profit margins, or other terms or conditions of sale (including allowances, credit terms, and warranties); allocation of markets or customers or division of territories; or refusals to deal with or boycotts of suppliers, customers or other third parties, or topics that may lead participants not to deal with a particular supplier, customer or third party.



# FUZE/FFC/DEMIL THREE CONFERENCES. ONE LOCATION.

**Armaments • Robotics • Munitions • EOD • Fuze • Demil** 

NDIA is proud to offer a rare three-in-one opportunity to the defense community. Three unique conferences will be colocated at the Von Braun Center in Hunstville, AL: the 66th Annual Fuze Conference, Future Force Capabilities Conference & Exhibition, and the 23rd Global Demilitarization Symposium & Exhibition. Together, these conferences promise incredible educational and networking opportunities as well as the latest innovations on the exhibit floor. Walk away with actionable information from a wide range of capability briefings, keynote remarks, and expert panels. See you in September!

Save the Date • September 25 – 28, 2023 • Huntsville, AL • NDIA.org/FFC

## **BIOGRAPHIES**



#### **PIERRE CHAO**

Managing Partner **Proteus Capital Solutions** 

Pierre Chao is a founding partner of Renaissance Strategic Advisors, a boutique

aerospace/defense strategy, market insight, and M&A advisory firm. He is also a co-founder of Enlightenment Capital, an aerospace/defense private credit firm.

He brings three decades of aerospace/ defense strategy management consulting, investment banking, equity analysis, investing and policy analysis expertise. Prior to establishing RSAdvisors, Mr. Chao was the Director of Defense-Industrial Initiatives at the Center for Strategic and International Studies, a Washington D.C.-based, nonpartisan defense and foreign policy think tank, from 2003-2007; where he still remains as a Senior Associate.

Before joining CSIS in 2003, Mr. Chao was a Managing Director and senior aerospace/ defense analyst at Credit Suisse First Boston from 1999-2003, where he was responsible for following the U.S. and global aerospace/ defense industry. He remained a CSFB independent senior adviser from 2003-2006. Prior to joining CSFB, Mr. Chao was the senior aerospace/defense analyst at Morgan Stanley Dean Witter from 1995-1999. He served as the senior aerospace/defense industry analyst at Smith Barney during 1994 and as a director at JSA International, a Boston/Paris-based management consulting firm that focused on the aerospace/defense industry (1986-88, 1990-93). Mr. Chao was also a co-founder of JSA Research, an equity research boutique specializing in the aerospace/defense industry. Before signing on with JSA, he worked in the New York and London offices of Prudential-Bache Capital Funding as a mergers and acquisitions banker focusing on aerospace/ defense (1988-90). Over the course of his Wall Street career, Mr. Chao's team was ranked #1 by Institutional Investor every

year eligible and he was on the Institutional Investor All-America Research Team every year eligible. He participated in 31 landmark aerospace/defense equity offerings/IPOs raising \$11.7 billion.

He is also a guest lecturer at the National Defense University and the Defense Acquisition University, has served on multiple Defense Science Board task forces, and was a member of the Defense Business Board (2010-2013). He was a member of the board of directors of KeyW Corporation (Nasdag:KEYW) (2010-16) and Vistronix Intelligence & Technology Solutions (2014-16). He is a holder of the right to use the Chartered Financial Analyst designation, holds Series 79/63 licenses, and holds a Top Secret security clearance.

Mr. Chao earned dual B.S. degrees in Political Science and Management Science from M.I.T.



#### **DANIELLE MILLER**

Director, Assessments & Investments Office of Industrial Policy, OUSD A&S

Ms. Danielle Miller is the Director of Assessments and Investments within

the Office of the Under Secretary of Defense for Acquisition and Sustainment in the Office of Industrial Policy. Her goal is to secure robust and resilient supply chains to meet the warfighters needs. In her role, she provides direction, guidance, and oversight to the Defense Production Act (DPA) Title I and Title III program offices. She guides the development of the Industrial Base Analysis and Sustainment programs efforts to increase the skills of the industrial base workforce. She leads the assessment team's development of fulsome analyses of current and emerging risks and opportunities within the defense industrial base.

Ms. Miller gained extensive expertise in analysis and program evaluation in her prior roles with Cost Assessment and Program Evaluation (CAPE). As the Director of Readiness and Force Employment Division, she was responsible for leading CAPES' analysis of the Services' readiness portfolios and responsible for funding the DoD fiveyear readiness program. This included leveraging existing data sets and tools to develop intricate models of the aviation sustainment process. In addition, Ms. Miller was responsible for assessing Global Posture portfolio, and developing resourcing options prioritized by strategic alignment and operational relevance. Within CAPE, she also served as the Deputy Director of Joint Data Support Division. In this role she managed teams of analyst developing force structure and force employment data. She

led the establishment of archived historic deployment data, which continues to be used to support program evaluation.

Prior to her Civil Service Directorship positions, she worked in the private sector providing support to CAPE, the United States Air Force, and the Department of Labor. Ms. Miller also has spent time in the non-profit sector working for Special Olympics Florida and the Better Housing League of Greater Cincinnati. In each organization she effectively secured funding from a variety of foundations and local, state, and federal agencies.

She graduated from Florida State University with a M.A. in International Affairs and a B.S. from Wright State University in International Studies.



#### **REP MIKIE SHERRILL**

New Jersey's 11th Congressional District U.S. House of Representatives

Congresswoman Mikie Sherrill proudly represents New Jersey's 11th

Congressional Distric. After graduating from the U.S. Naval Academy in 1994, Sherrill spent almost 10 years on active duty in the United States Navy. She flew missions throughout Europe and the Middle East as a Sea King helicopter pilot, worked on the Battle Watch Floor in the European Theater during the Iraq invasion, and served as a Flag Aide to the Deputy Commander in Chief of the U.S. Atlantic Fleet. Sherrill also served as a Russian policy officer and worked on

the implementation of our nuclear treaty obligations and oversaw the relationship between the U.S. Navy and Russian Federation Navv.

Sherrill attended law school after leaving the Navy in 2003. She worked as a lawyer and eventually joined the U.S. Attorney's Office in New Jersey. As an Outreach and Re-entry Coordinator, Sherrill developed programs to help prevent crime in the community. These programs developed trust between law enforcement and the communities they serve, and helped people leaving prison to gain employment, housing, and education

in order to restart their lives. As an Assistant U.S. Attorney, Congresswoman Sherrill worked to keep our communities safe, prosecuting federal cases and advising law enforcement on investigations.

Sherrill holds a Bachelor's degree from the U.S. Naval Academy, a Master's degree in Global History from the London School of Economics and Political Science, and a Law degree from Georgetown University.

Sherrill sits on the House Armed Services Committee, the House Science, Space, and Technology Committee, and the House Education and Labor Committee.

# **VITAL SIGNS 2023**

Posturing the U.S. Defense Industrial **Base for Great Power Competition** 



**Download the Free Report: NDIA.org/VitalSigns** 



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## **Connecting Talent with Great Opportunities**

This latest member benefit of the National Defense Industrial Association offers qualified defense and national security professionals and employers an intuitive platform to identify the next best opportunity or candidate. With single-signon, quick and advanced searches, job alerts, career resources, pre-screen questionnaires, success tracking, and more, the NDIA Career Center is the defense industry's premier resource for career growth and advancement.

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General Dynamics Ordnance and Tactical Systems (OTS) is a global leader in the design, engineering, and production of munitions, energetics, weapons, armaments, and missile subsystems around the world. General Dynamics-OTS empowers the U.S. military and its allies with an extensive range of overarching product segments applied across all levels of strategic and tactical operations, providing a cutting-edge advantage to our war fighters.



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Day & Zimmermann is a more than century-old, family-owned company specializing in construction & engineering, operations & maintenance, staffing, security and defense for leading corporations and governments around the world. Day & Zimmermann is also a leading provider of munitions. With a diverse portfolio of products and facilities, including our American Ordnance unit, Day & Zimmermann's capabilities include close combat, medium to large caliber direct fire, large caliber indirect fire, as well as energetics and devices.



#### **Elite Sponsor**

Northrop Grumman's Armament Systems unit is a leading innovator, developer and producer of weapons that provide U.S. and Allied Warfighters with superior battlefield capabilities. We deliver a non-traditional approach to the market, with speed and innovation. Armament Systems has more than 40 years of proven performance in developing and producing mediumcaliber and large-caliber ammunition as well as precision capabilities for mortar and artillery munitions. Armament Systems is the proud manufacturer of the Bushmaster® family of Chain Guns® installed on ground, air, and naval combat

platforms around the world. Today, we are providing complete lifecycle support for medium-caliber cannons, developing miniature precision strike weapons for airborne platforms, and creating survivability solutions for the soldier. We are pioneers in the development of next-generation large-caliber ammunition that defeats advanced armor and provides multiple effects with one round while growing our medium-caliber ammunition portfolio through the creation of air bursting, proximity, and guided ammunition.



#### **Networking Lunch Sponsor**

SAVIT Corporation is a US based small business armaments engineering and manufacturing value-added partner. We specialize in innovative advanced manufacturing development, munitions and weapon systems design, systems integration, process optimization, prototyping, testing, inspection, digital engineering, quality, supply chain risk reduction and production of critical components. We excel in the development of Automated Acceptance Inspection Equipment (AAIE), Physical Configuration Auditing (PCA), and Measurement System Evaluations (MSE). Our mission is to provide comprehensive technology acceleration solutions for the rapid maturation of TRL and MRL. We strive to traverse the "Valley of Death" and transition DoD armament and ammunition programs to Industry.



#### **WIFI Sponsor**

Munro & Associates is an engineering consulting firm with 30+ years of experience in the automotive industry. Munro has received considerable attention for its electric vehicle benchmarking analysis and provides customers with technical feedback on batteries, motors, converters, inverters, high-voltage accessories, and vehicle architecture. Munro offers complete lifecycle support for a product—from concept to launch and through sustainment—focusing on increased producibility, performance, and reliability. Munro's services include detailed cost analysis, CAD modeling and simulation, supply chain analysis, manufacturing readiness and risk analysis, and facility layout support. Munro services every major U.S. industry, including aerospace, defense, electronics, and nuclear.





#### **Networking AM Break**

Headquartered in King of Prussia, PA, RMII manufactures
Reactive Materials (RM) for enhanced lethality in Socorro, NM
on the EMRTC Research Park. RMII designs and manufactures
reactive fragments, energetic liners, and potting materials. We
work with customers to engineer RM specifically for their system
and the anticipated engagement parameters, with validation
performed from the bench scale to full scale arena testing.
RMII has capabilities in manufacturing 3D printed munition
components and high-speed production of RM fragments.
We provide high throughput ballistic and energetic testing
services, performed in varying atmospheres including exoatmospheric conditions.



#### **Networking PM Break**

L3Harris Technologies is a trusted disruptor for the global aerospace and defense industry. With customers' mission-critical needs always in mind, our 46,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains. Defense Electronic Systems (DES), a division of L3Harris, provides precision electronics components, subsystems, and systems for both U.S. and International military defense systems, offering best-of-breed capabilities for both current and future weapons systems. Headquartered near Cincinnati, OH, DES has a proven track record as a quality, on-time producer of superior products and systems.

## **BAE SYSTEMS**

#### **Ambassador Sponsor**

BAE Systems, Inc. and its 34,000 people are part of a global defense, aerospace, and security company. We deliver products and services for air, land, sea and space, as well as advanced electronics, intelligence, security, and IT solutions and support services. Our dedication shows in everything we design, produce and deliver— to protect those who protect us in a high-performance, innovative culture. We push the limits of possibility to provide a critical advantage to our customers where it counts.

# Booz Allen

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For more than 100 years, military, government, and business leaders have turned to Booz Allen Hamilton to solve their most complex problems. As a consulting firm with experts in analytics, digital solutions, engineering, and cyber, we help organizations transform. We are a key partner on some of the most innovative programs for governments worldwide and trusted by their most sensitive agencies. We work shoulder-to-shoulder with clients, using a mission-first approach to choose the right strategy and technology to help them realize their vision. With global headquarters in McLean, VA, our firm employs approximately 31,100 people globally as of December 31, 2022, and had revenue of \$8.4 billion for the 12 months ended March 31, 2022.



#### **Small Business Sponsor**

Founded in 1980, Accurate Energetic Systems, LLC (AES) is certified as a woman-owned small business dedicated to the development, manufacturing, handling, and storage of a variety of energetic products used in defense and commercial markets. Our expertise includes manufacturing/processing bulk explosives, fabricating energetic devices, load/assemble/pack (LAP), casting of specialty melt pour explosive devices, pressing explosive munitions pellets, and explosive testing & characterization. AES is ISO 9001:2015 certified addressing all contracting, engineering, production, EHS, quality, and security activities. Our facilities comply with the security and safety requirements of DOD 5100.76-M 2 and DOD 4145.26-M, respectively.

# NDIN LEADING THE WAY IN ENGAGEMENT, **NETWORKING, AND NATIONAL DEFENSE**

PLAN AHEAD FOR SUCCESS | 2023 FEATURED MEETINGS, CONFERENCES, AND EVENTS



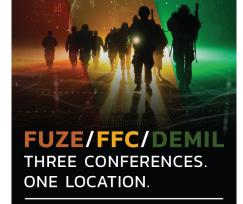
INTEGRATED PRECISION WARFARE REVIEW (IPWR-23)

April 25 - 26\*, 2023 | Alexandria, VA



TRAINING & SIMULATION INDUSTRY SYMPOSIUM (TSIS) 2023

June 21 - 22, 2023 | Orlando, FL



#### COLOCATED

66th Annual Fuze Conference Future Force Capabilities Conference & Exhibition 23rd Global Demilitarization Symposium & Exhibition

September 25 - 28, 2023 • Huntsville, AL



DLA SUPPLY CHAIN ALLIANCE **CONFERENCE & EXHIBITION** 

May 3 - 4, 2023 | Richmond, VA



2023 CBRN DEFENSE



2023 JOINT NDIA/AIA SPRING INDUSTRIAL SECURITY CONFERENCE

May 8 - 10, 2023 | Lake Buena Vista, FL



2023 SPACE WARFIGHTING FORUM

August 17 - 18\*\*, 2023 | Colorado Springs, CO



2023 WID NATIONAL CONFERENCE

September 26, 2023 | Arlington, VA



**MODSIM WORLD 2023** 

May 22 - 23, 2023 | Norfolk, VA



**EMERGING TECHNOLOGIES FOR DEFENSE CONFERENCE & EXHIBITION** 

August 28 - 30, 2023 | Washington, DC



I/ITSEC 2023

November 27 - December 1, 2023 | Orlando, FL



23RD ANNUAL SCIENCE AND **ENGINEERING TECHNOLOGY** 

CONFERENCE

May 23 - 25\*\*, 2023 | San Antonio, TX



**2023 UNDERSEA WARFARE FALL CONFERENCE** 

September 18 - 20\*, 2023 | Groton, CT

\*All Classified | \*\*Partially Classified