



NDIA

2023 **JADC2: ALL DOMAIN WARFARE SYMPOSIUM**

**Aligning JADC2 Capabilities: Pivoting from
Service Programs to Joint Capabilities**

July 18 – 19, 2023 | Alexandria, VA | NDIA.org/JADC2

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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



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SCHEDULE AT A GLANCE

MONDAY, JULY 17

Opening Reception

Lower Foyer
5:00 - 6:00 pm

TUESDAY, JULY 18

Registration

Lower Foyer
8:00 am - 6:45 pm

General Session

Plaza Ballroom
9:00 am - 5:45 pm

Grand Reception

Lower Foyer
5:45 - 6:45 pm

WEDNESDAY, JULY 19

Registration

Lower Foyer
8:00 am - 4:25 pm

General Session

Plaza Ballroom
9:00 am - 4:25 pm

WELCOME TO THE JADC2: ALL DOMAIN WARFARE SYMPOSIUM

On behalf of NDIA's Cyber-Augmented Operations (CAO) Division, we welcome you to our Annual Combined/Joint All Domain Command and Control (C/JADC2) Symposium. We are especially honored to have Vice Chairman, Joint Chiefs of Staff, Admiral Chris Grady as our opening speaker. This important symposium is a valuable venue for you that brings together many of the most visionary business (large to small) leaders and military and civilian government leadership, as well as decision-makers to advance the nation's national security enterprise focused on the critical C/JADC2 concept and enabling capabilities.

The C/JADC2 concept and capabilities will be the linchpin in providing the decision advantage that will deter potential adversaries from ever thinking that today is a good day for them to take action against the US, our allies and partners. If they make the mistake and take action, optimizing C/JADC2 will allow the military to rapidly operate inside adversary decision cycles and thwart their plans, resulting in their defeat. Speed belongs to the victor. This symposium brings us a step closer to making C/JADC2 a reality.

The CAO Division has worked tirelessly with NDIA professionals to bring this symposium to you. As with every year, this year's agenda provides an action-packed line up of Congressional leaders, senior military and civilian officials and industry's leading voices and capability developers from across air, land, sea, space and cyberspace. By listening intently to each speaker and panelist, you will come away much better informed on C/JADC2. Through active networking during breaks, you will make new acquaintances that can be of mutual benefit in the future. We urge you to take full advantage of what this symposium offers.

On behalf of The Honorable David Norquist, NDIA Chief Executive Officer, and NDIA's Cyber-Augmented Operations Division, we are very pleased by your attendance and look forward to your participation, having valuable interactions amongst ourselves and advancing America's national security. Don't forget to put next year's symposium on your calendar!

Maj Gen Jim Keffer, USAF (Ret)
Chair
NDIA Cyber-Augmented Operations Division

GET INVOLVED

Learn more about NDIA's Divisions and how to join one at [NDIA.org/Divisions](https://www.ndia.org/Divisions)

LEADERSHIP AND COMMITTEES

Maj Gen Jim Keffer, USAF (Ret)
Division Chair

CYBER-AUGMENTED OPERATIONS

WHO WE ARE

The Cyber-Augmented Operations (CAO) Division harnesses the power of cyber-related technologies to deliver speed and automation to create both tactical and operational advantages in military operations. The Division brings industry and government executives together to address pressing policy, technology, and budgetary matters to ensure the incorporation of CAO capabilities into the military and national security enterprises. In periodically sponsoring symposia, seminars, workshops, and executive breakfast meetings, the Division identifies and mitigates challenges confronting combatant commands and military services.

EVENT INFORMATION

LOCATION

Hilton Alexandria Mark Center
5000 Seminary Road
Alexandria, VA 22311

ATTIRE

Civilian: Business
Military: Uniform of the Day

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.

EVENT CONTACT

Andrew Peters
Associate Director, Meetings
(703) 247-2572
apeters@NDIA.org

Carizza Gutierrez
Associate Director, Divisions
(703) 247-2599
cgutierrez@NDIA.org

REAL-TIME CROWD-SOURCED Q&A



Slido 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 online at Slido.com and using the below code.

Event code: **NDIAJADC2**

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

JULY 17

4:00 – 6:00 pm
All times are in EST

REGISTRATION
LOWER FOYER



5:00 – 6:00 pm

TABLETOP DISPLAYS OPEN
LOWER FOYER

5:00 – 6:00 pm

OPENING RECEPTION
LOWER FOYER



JULY 18 (UNCLASSIFIED)

8:00 am – 6:45 pm
All times are in EST

REGISTRATION
LOWER FOYER



8:00 am – 6:45 pm

TABLETOP DISPLAYS OPEN
LOWER FOYER

8:00 – 9:00 am

NETWORKING BREAKFAST
LOWER FOYER

9:00 – 9:10 am

WELCOME REMARKS
PLAZA BALLROOM

Maj Gen Jim Keffer, USAF (Ret)
Chair, NDIA Cyber-Augmented Operations Division

The Hon. David L. Norquist
President and CEO, National Defense Industrial Association

9:10 – 9:50 am

**KEYNOTE PIVOTING JADC2 TOWARDS JOINT REQUIREMENTS FOR
COMBATANT COMMANDERS**
PLAZA BALLROOM

ADM Christopher Grady, USN
Vice Chairman of the Joint Chiefs of Staff, U.S. Department of Defense

9:50 – 10:30 am

**CHINA'S PERSPECTIVE ON THE U.S. – CHINA MILITARY BALANCE IN AN
ERA OF SYSTEMS WARFARE**
PLAZA BALLROOM

Mark Cozad
Senior International Defense Policy Analyst, RAND Corporation

10:30 – 11:00 am

NETWORKING BREAK

LOWER FOYER

11:00 – 11:50 am

CONGRESSIONAL PANEL: CONGRESSIONAL PERSPECTIVE ON CJADC2

PLAZA BALLROOM

Jen Stewart

Executive Vice President for Strategy and Policy, NDIA
Moderator

The Hon. Jack Bergman

U.S. Representative, Michigan's First District

The Hon. Rob Wittman

U.S. Representative, Virginia's First District

11:50 am – 12:50 pm

DELIVERING JADC2 FOR WARFIGHTERS

PLAZA BALLROOM

Lt Gen Bob Elder, USAF (Ret)

Research Faculty, Electrical and Computer Engineering, College of Engineering and Computing, George Mason University
Moderator

Brig Gen Luke Cropsey, USAF

Integrating Program Executive Officer for Command, Control, Communications, and Battle Management, U.S. Department of the Air Force

BGen Stephen Lightfoot, USMC

Director, Capabilities Development Directorate, U.S. Marine Corps

CAPT Robert Croxson, USN

Technical Director, Fleet Readiness Directorate, Naval Information Warfare Systems Command

12:50 – 1:50 pm

NETWORKING LUNCH

TERRACE



1:50 – 2:40 pm

NATO AS A MULTI DOMAIN OPERATIONS ENABLED ALLIANCE

PLAZA BALLROOM

Vice Adm Guy Robinson, CB OBE

Chief of Staff of NATO Allied Command Transformation

2:40 – 3:30 pm

CJADC2 AND THE JOINT WARFIGHTING CLOUD CAPABILITY (JWCC) – A DISA PERSPECTIVE

PLAZA BALLROOM

MG Peter Gallagher, USA (Ret)

Senior Vice President, Technology & Solutions, National Security & Innovative Solutions, CACI International, Inc.
Moderator

Dr. Brian Hermann

Director, Cyber Security & Analytics, Defense Information Systems Agency (DISA)

Ryan McArthur

Joint Warfigting Cloud Capability Program Manager, Defense Information Systems Agency (DISA)

3:30 – 4:00 pm **NETWORKING BREAK**
LOWER FOYER

4:00 – 4:40 pm **FUNDING JADC2 FOR COMBATANT COMMANDERS – WAY AHEAD**
PLAZA BALLROOM

The Hon. David L. Norquist
President & CEO, NDIA
Moderator

The Hon. Kathleen Miller, SES
Deputy Under Secretary of Defense, Comptroller, Office of the Under Secretary of Defense, U.S. Department of Defense

4:40 – 5:40 pm **CJADC2 MISSION PARTNER ENVIRONMENT PANEL**
PLAZA BALLROOM

VADM Dave Johnson, USN (Ret)
Vice President, L3Harris Technologies
Moderator

AVM David Arthurton, RAF
Director of Military Digitisation for Defence Digital, UK Ministry of Defence

Maj Gen Julian Cheater, USAF
Assistant Deputy Under Secretary of the Air Force, International Affairs

Paolo Messa
Chairman, Leonardo, U.S. Corporation

5:40 – 5:45 pm **CLOSING REMARKS**
PLAZA BALLROOM

Maj Gen Jim Keffer, USAF (Ret)
Chair, NDIA Cyber-Augmented Operations Division

5:45 – 6:45 pm **GRAND RECEPTION**
LOWER FOYER



JULY 19 (UNCLASSIFIED)

8:00 am – 5:00 pm **REGISTRATION**
All times are in EST
LOWER FOYER



8:00 – 9:00 am **NETWORKING BREAKFAST**
LOWER FOYER

9:00 – 9:05 am **OPENING REMARKS**
PLAZA BALLROOM

Maj Gen Jim Keffer, USAF (Ret)
Chair, NDIA Cyber-Augmented Operations Division

9:05 – 9:35 am

STATE OF NDIA

PLAZA BALLROOM

Brig Gen Guy Walsh, USAF (Ret)

Executive Vice President, National Defense Industrial Association

9:35 – 10:45 am

CJADC2 GAME CHANGERS PANEL

PLAZA BALLROOM

Dr. Arun Seraphin

ETI Executive Director, NDIA

Moderator

Ian Schmertzler

President, Dispel, NDIA Greater New York-Connecticut Chapter Vice President

Dan Rice

Vice President, Lockheed Martin Corporation

Dr. Ravi Ravichandran

Vice President & Chief Technology Officer, Intelligence & Security, BAE Systems, Inc.

Rob Nolen

Chief Technologist & Senior Principal Architect, U.S. Department of Defense, Amazon Web Services

10:45 – 11:15 am

NETWORKING BREAK

LOWER FOYER



11:15 am – 12:00 pm

FEATURED SPEAKER: AIR AND SPACE FORCE PERSPECTIVE ON CJADC2

PLAZA BALLROOM

Dr. Tim Grayson

Special Assistant to the Secretary of the Air Force for Mission-Centered Analysis and Operational Imperatives, U.S. Department of the Air Force

12:00 – 12:45 pm

FIRESIDE CHAT: INDUSTRY'S APPROACH FOR INTEGRATING JOINT AND COMBINED C2

PLAZA BALLROOM

Brig Gen Guy Walsh, USAF (Ret)

Executive Vice President, National Defense Industrial Association

Moderator

Jason Reynolds

Vice President and General Manager, Advanced Programs, Lockheed Martin

COL Toby Magsig, USA (Ret)

Senior Director, Technology Strategy, L3Harris Technologies

12:45 – 1:40 pm

NETWORKING LUNCH

TERRACE

1:40 – 2:30 pm

**FEATURED SPEAKER: DATA TRANSFORMATION,
ARTIFICIAL INTELLIGENCE, AND INFORMATION DOMINANCE**

PLAZA BALLROOM

Greg Little

Deputy Chief Digital and AI Office (CDAO) for Enterprise Platforms and Business Optimization

2:40 – 3:10 pm

CLOSING KEYNOTE: JADC2 CFT IMPLEMENTATION PLAN UPDATE

PLAZA BALLROOM

RDML Susan Bryer-Joyner, USN

Deputy Director, Command, Control, Communications, and Computer/Cyber Systems, J-6, Joint Staff and Chair, CJADC2 Cross Functional Team

3:10 – 3:25 pm

NETWORKING BREAK

LOWER FOYER

3:25 – 4:05 pm

ACQUIRING JOINT MISSION

PLAZA BALLROOM

Dave Tremper, SES

Executive Director, Acquisition Integration and Interoperability, Office of the Undersecretary of Defense for Acquisition and Sustainment, U.S Department of Defense

4:15 – 4:25 pm

CLOSING REMARKS

PLAZA BALLROOM

Brig Gen Guy Walsh, USAF (Ret)

Executive Vice President, National Defense Industrial Association

Maj Gen Jim Keffer, USAF (Ret)

Chair, NDIA Cyber-Augmented Operations Division

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.

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BIOGRAPHIES



ADM CHRISTOPHER GRADY, USN

Vice Chairman of the Joint Chiefs of Staff
U.S. Department of Defense

ADM Christopher W. Grady of Newport, RI, a graduate of the University of Notre

Dame, received his commission through the Naval Reserve Officers Training Corps program. He is a distinguished graduate of Georgetown University, where he earned a Master of Arts in National Security Studies while concurrently participating as a fellow in Foreign Service at the Edmund A. Walsh School of Foreign Service. He is also a distinguished graduate of the National War College earning a Master's of Science in National Security Affairs.

A career surface warfare officer, Grady served aboard USS Moosbrugger (DD 980) and USS Princeton (CG 59). He then commanded USS Chief (MCM 14), as rotational Crew Echo, and deployed in command of USS Ardent (MCM 12), in Operation Desert Fox. He also commanded

USS Cole (DDG 67), where he deployed as part of NATO's Standing Naval Forces Mediterranean; Destroyer Squadron, where he deployed to the Arabian Gulf as sea combat commander for the Theodore Roosevelt Carrier Strike Group in support of Operations Enduring Freedom and Iraqi Freedom; and Carrier Strike Group (CSG) 1/Carl Vinson Carrier Strike Group, where he deployed for nearly 10 months to the Western Pacific and the Arabian Gulf conducting combat operations in support of Operation Inherent Resolve.

Ashore, Grady served on the Joint Chiefs of Staff and then as naval aide to the Chief of Naval Operations; as the assistant branch head, Europe and Eurasia Politico-Military Affairs Branch (OPNAV N524); as executive assistant to the Navy's Chief of Legislative Affairs; as the deputy executive secretary of

the National Security Council in the White House, and as Executive Assistant to the Chief of Naval Operations.

As a flag officer, he served as director of the Maritime Operations Center (N2/3/5/7), Commander, U.S. Pacific Fleet; Commander, Naval Surface Force Atlantic; Commander, U.S. 6th Fleet/Commander, Naval Striking and Support Forces NATO/Deputy Commander, U.S. Naval Forces Europe and U.S. Naval Forces Africa. He most recently served as commander, U.S. Fleet Forces Command, and as Commander Naval Forces U.S. Northern Command, Commander Naval Forces U.S. Strategic Command, and as Commander Task Force Atlantic in coordination with U.S. Naval Forces Europe.

Grady serves as the 12th Vice Chairman of the Joint Chiefs of Staff. In this capacity, he is a member of the Joint Chiefs of Staff and the Nation's second highest-ranking military officer.



THE HON. KATHLEEN MILLER, SES

Deputy Under Secretary of Defense, Comptroller, Office of the Under Secretary of Defense
U.S. Department of Defense

The Honorable Kathleen S. Miller was sworn in as Deputy Under Secretary of

Defense (Comptroller) on August 11, 2021.

Prior to joining the Office of the Comptroller, Miller served as Administrative Assistant to the Secretary of the Army. Starting in 2018, Ms. Miller was the Senior Career Civilian in the Army and was the principal career civilian adviser to the Secretary of the Army for administrative and business matters, including transformational activities in the Headquarters and with the Civilian Workforce. She oversaw the operation of a field operating agency and a headquarters element comprising of more than 600

civilian and military employees who execute 66 functions for customers in the Army, Department of Defense, and other Federal agencies across geographically dispersed CONUS and OCONUS operating locations.

From 2016 to 2018, Miller served as the Assistant Deputy Chief of Staff (DCS), G-3/5/7. As the civilian deputy to the DCS, G-3/5/7, she provided oversight and guidance to the Strategy, Plans, and Policy; Administration and Resources; Cyber Operations; and Command and Control Support Agency Directorates. Her focus included planning, programming, budgeting, and execution of the DCS, G-3/5/7's program and budget, manpower, contracts, information technology, facilities

and administration, cyber activities, special access programs, sensitive activities programs, and support to agencies outside the Army. She was also responsible for the DCS, G-3/5/7 civilian management and was actively engaged in Army mentoring and development of the force..

Miller also served six years at the Principal Assistant Deputy Chief of Staff, Army G4, where she oversaw implementation of logistics IT systems. She has held several executive positions in the Army Budget Office, including Acting Director of the Army Budget.

Miller was selected to the Senior Executive Service in the Department of Treasury in 2002.



THE HON. DAVID L. NORQUIST

President & CEO

National Defense Industrial Association

The Hon. David L. Norquist is President and Chief Executive Officer of the National

Defense Industrial Association (NDIA). He joined NDIA on May 1, 2022 bringing with him more than 30 years of public and private sector experience in national security and federal financial management.

Norquist previously served as the 34th Deputy Secretary of Defense from 2019 to 2021 and was responsible for the day-to-day operations of the Department of Defense (DoD), including managing the Pentagon's budget and personnel. He led reforms in DoD business processes and realigned investments toward the challenges of multi-domain warfare. At the request of the Biden Administration, Norquist served as Acting Secretary of Defense and continued as

Deputy Secretary until the Senate confirmed Secretary Lloyd Austin and Deputy Secretary Kathleen Hicks.

From 2017 until 2019 as the Under Secretary of Defense (Comptroller) and Chief Financial Officer, he supported the National Defense Strategy (NDS) through the development and execution of the DoD's annual budget of more than \$680 billion. Norquist strengthened accountability to the taxpayer by implementing DoD's first department-wide financial statement audit.

Norquist began his career in 1989 as a Presidential Management Fellow supporting Army intelligence as a program and budget analyst with assignments on the Army staff, a major command, a defense agency, and at an overseas field site.

Following his time with the Army, Norquist served for six years with the House Appropriations Subcommittee on

Defense as a professional staff member, where he focused on Air Force aircraft, munitions, ballistic missile defense and information assurance.

From 2002 to 2006, he served as a deputy undersecretary of defense in the Office of the Comptroller. In 2006, President George W. Bush selected him as the first Senate-confirmed Chief Financial Officer of the Department of Homeland Security.

Between his stints in government service, Norquist was a partner with Kearney and Company, a certified public accounting firm.

Norquist was born in Concord, MA. He is a 1989 graduate of the University of Michigan, where he received a BA in Political Science and a master's in Public Policy. He also holds an MA in National Security Studies from Georgetown University.



VICE ADM GUY ROBINSON, CB OBE

Chief of Staff of NATO Allied Command Transformation
Royal Navy, North Atlantic Treaty Organization

Guy Robinson joined the Royal Navy in 1986 as a warfare officer. His

seagoing career has been primarily spent in frigates and destroyers, serving as a bridge watchkeeping officer, navigator and then Principal Warfare Officer. He has been fortunate to command three warships: the patrol vessel HMS GUERNSEY, the Type 42 Destroyer HMS EDINBURGH and the Type 45 Destroyer HMS DARING. In 2003, he commanded EDINBURGH during the combat phase of the 2nd Gulf War and was subsequently awarded a Mention-in-Despatches. In 2008 he operated from the Iraqi Khawr al Amaya offshore oil terminal as Commander Task Group 158.1, running operations in the Northern Arabian Gulf. In 2012, he took DARING on the first operational deployment of a Type 45 to the Middle East. From 2015 through 2016 he was the Deputy Commander of United Kingdom Maritime Forces, the Royal Navy's high readiness battle staff. During that assignment he assumed duties as

Commander of Combined Task Force 150, the counter-terrorism task force operating in the Indian Ocean. In his most recent command assignment (2017-21) he was Deputy Commander at Naval Striking and Support Forces NATO (STRIKFORNATO) based at Oeiras, Portugal; a deployable Joint battle staff whose primary role is the integration of high-end U.S. maritime capabilities into NATO operations.

During assignments ashore, Vice Admiral Robinson has served in the UK's Ministry of Defence (MoD), working as the financial programmer in the above water equipment capability area. He also served on the staff of Flag Officer Sea Training staff as Commander Sea Training where he was responsible for the training of all Royal Naval major warships, from frigates to aircraft carriers, as well as a multitude of ships from both NATO and non-NATO navies. As a captain he served in the MoD's Development, Concepts & Doctrine Centre (DCDC) where he was responsible for generating maritime concepts and high-level doctrine. His most recent

shore assignment (2013) has been in Navy Command Headquarters as the Assistant Chief of Staff (Warfare), where he was responsible for the assessment of the Fleet's warfighting capability. He became Chief of Staff at Headquarters Allied Command Transformation in July 2021.

When in the UK, Vice Admiral Robinson lives in Hampshire with his wife Mel, a Commodore in the Royal Navy, and their two adult children Max and Maisie. He is a graduate of the UK Higher Command and Staff Course (2013), the US Coalition Force Maritime Component Commanders' Course (2015), the Royal College of Defence Studies (2017) and is an alumnus of the Windsor Leadership Trust. He holds a master's degree in defence studies from King's College London. Her Majesty Queen Elizabeth appointed him as an Officer in the Military Division of the Most Excellent Order of the British Empire in 2013. His Majesty The King appointed him as a Companion of the Most Honourable Order of the Bath in 2023.



DR. TIM GRAYSON

Special Assistant to the SecAF for Mission-Centered Analysis and Operational Imperatives
U.S. Department of the Air Force

Dr. Timothy Grayson is Special Assistant to the Secretary of the Air Force with the primary responsibility to coordinate concept development, analysis, and implementation of the Secretary's Operational Imperatives, the critical operational air and space capabilities needed to deter, and if necessary defeat, our pacing challenges.

Prior to this role, Dr. Grayson was the Director of the Strategic Technology Office (STO) at DARPA. He led the office in

development of breakthrough technologies to enable warfighters to field, operate, and adapt distributed, joint, all-domain combat capabilities at continuous speed. Dr. Grayson came to STO in 2018 from a varied career in government and industry. Immediately prior to DARPA he was the founder and president of Fortitude Mission Research LLC, a consulting company specializing in strategy and technology analysis related to defense and intelligence. Dr. Grayson has extensive government experience. He spent several years as a senior intelligence officer with the Central

Intelligence Agency (CIA) in the Directorate of Science and Technology and culminating in a tour at the Office of the Director of National Intelligence. Prior to CIA, Dr. Grayson was a program manager and senior scientist at DARPA and before that was a research fellow at Air Force Wright Laboratory (now part of Air Force Research Laboratory). Dr. Grayson holds a PhD in Physics from University of Rochester, where he specialized in quantum optics, and a BS in Physics from University of Dayton with minors in mathematics and computer science.



RDML SUSAN BRYER-JOYNER, USN

Deputy Director, Command, Control, Communications, and Computer/Cyber Systems
Joint Staff J-6

RDML Susan Bryer-Joyner is a native of Savannah, GA. She received her commission through the Naval Reserve Officer Training Corps at Rensselaer Polytechnic Institute, where she earned a Bachelor of Science in Materials Engineering. She also holds a Master of Science in Computer Science from the Naval Postgraduate School and a Master of Science in Government Information Leadership from the Information Resources Management College at National Defense University.

Her operational tours include deployments to the high north and Norwegian Seas for the Navy's first Dynamic Force Employment deployment and to the Mediterranean

and Arabian Seas, the Western and South Pacific Ocean, and Iraq in support of Operations Enduring Freedom, Iraqi Freedom and Tomodachi.

Fleet assignments include Carrier Strike Group 8 embarked onboard USS George Washington (CVN 73); U.S. 7th Fleet; USS Blue Ridge (LCC 19); and Carrier Strike Group 8 embarked on USS Harry S Truman (CVN 75).

Shore assignments include the Department of Defense; the Office of the Chief of Naval Operations; Hopper Information Services Center, Naval Network Warfare Command; Naval Computer and Telecommunications Area Master Station, Mediterranean; and Naval Computer and Telecommunications Station, Far East.

Joint tours include U.S. Pacific Command; Joint Warfare Analysis Center; Multi-National Force Iraq; and U.S. Cyber Command.

As a flag officer, she served as the Navy Enterprise Networks and Cybersecurity division director, Office of the Chief of Naval Operations.

She is the recipient of various personal, unit, and campaign awards, including the Defense Superior Service Medal, Legion of Merit Medal (four awards), Bronze Star Medal, Defense Meritorious Service Medal (two awards), and Navy Meritorious Service Medal (three awards). She was a recipient of the Copernicus Award in 2001 and 2006, and is a proud Plank Owner of the Information Professional Community and the Naval Network Warfare Command.

SPONSOR DESCRIPTIONS



PREMIER

In a fast moving and increasingly complex world, L3Harris is anticipating and rapidly responding to challenges with agile technology – creating a safer world and more secure future. As the Trusted Disruptor in defense, we’re strengthening our trusted position as an industry-leading merchant supplier, and we’re strengthening our customers’ positions with rapid, innovative solutions only a disruptive prime can deliver.



PREMIER

Headquartered in Bethesda, MD, Lockheed Martin is a global security and aerospace company that employs approximately 116,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

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REGISTRATION

If you need to protect the content of a transmission, you use encryption. If you also need to protect the context of a communication, you use a Moving Target Defense (MTD) network. MTD networks historically were built by hand. That made them both rare and expensive. Dispel supplies engines that can automatically launch and sustain thousands of MTD networks simultaneously. Give them a try. You will find them on the ABMS IDIQ.



LUNCH



AMBASSADOR



NETWORKING BREAK



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TECHNOLOGIES
INSTITUTE

NDIA

EMERGING TECHNOLOGIES FOR DEFENSE

CONFERENCE &
EXHIBITION

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You won't want to miss these key speakers:



The Hon. Kathleen Hicks
Deputy Secretary of Defense



The Hon. Dr. William LaPlante
Undersecretary of Defense for
Acquisition and Sustainment



Admiral John Aquilino
US Indo Pacific Command



The Hon. Christopher Lawman
Assistant Secretary of Defense
(Sustainment)



Dr. Stelenie Tompkins
Director, Defense Advanced
Research Projects Agency



LT Gen Leonard J. Kosloski
USAF Director for Logistics,
the Joint Staff



The Hon. Heidi Shyu
Undersecretary of Defense
for Research and Engineering



The Hon. Gabo Canaville
Undersecretary of the Army



Doug Book
Director, Defense Innovation Unit



Jason Zander
Executive Vice President of
the Strategic Missions and
Technologies, Microsoft



Chris Miller
Author of *Chip War*
Associate Professor of International
History, Fletcher School, Tufts University

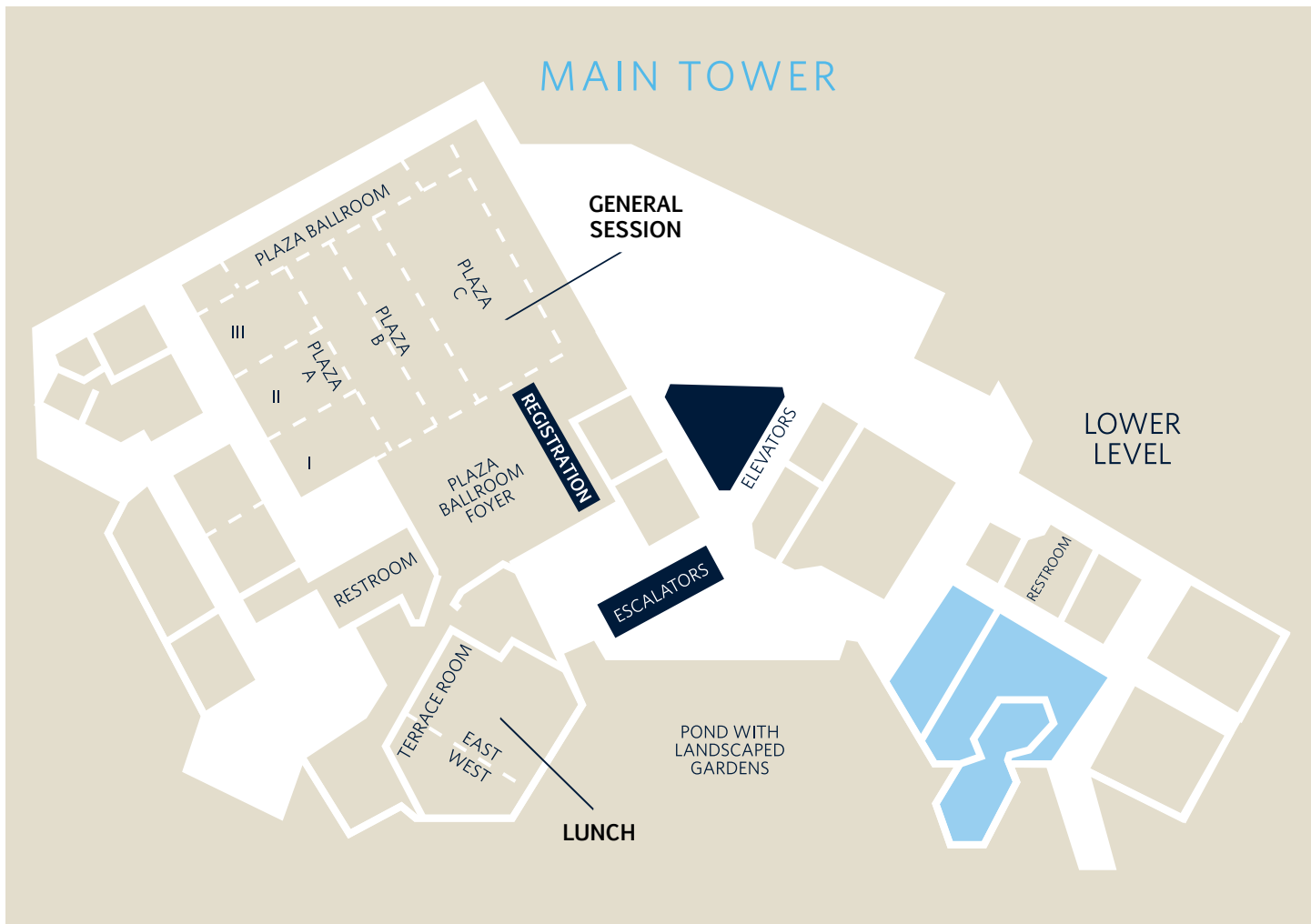


Dr. Laura B. Taylor-Kille
DOD Assistant Secretary of
Defense for Industrial Base
Policy (OUSD/IBP)

Register Now!

August 28 – 30, 2023 | Washington, DC | [NDIA.org/EmergingTech](https://www.ndia.org/EmergingTech)

VENUE MAP



TABLETOP DISPLAY HOURS

MONDAY, JULY 17

5:00 – 6:00 pm

TUESDAY, JULY 18

8:00 am – 6:45 pm

WEDNESDAY, JULY 19

8:00 am – 3:50 pm

DISPLAYS BY COMPANY

Lockheed Martin Corporation	#1
L3Harris	#2
Dispel	#3
Exiger	#4
Virtru	#5



2023 CBRN DEFENSE CONFERENCE & EXHIBITION

July 24 – 26, 2023 | Baltimore, MD



2023 SPACE WARFIGHTING FORUM

August 17 – 18**, 2023 | Colorado Springs, CO



EMERGING TECHNOLOGIES FOR DEFENSE CONFERENCE & EXHIBITION

August 28 – 30, 2023 | Washington, DC



2023 UNDERSEA WARFARE FALL CONFERENCE

September 18 – 20*, 2023 | Groton, CT



FUZE/FFC/DEMIL THREE CONFERENCES. ONE LOCATION.

COLOCATED

66th Annual Fuze Conference

Future Force Capabilities Conference & Exhibition

23rd Global Demilitarization Symposium & Exhibition

September 25 – 28, 2023 • Huntsville, AL



2023 WID NATIONAL CONFERENCE

September 26, 2023 | Arlington, VA



26TH ANNUAL SYSTEMS & MISSION ENGINEERING CONFERENCE

October 16 – 19, 2023 | Norfolk, VA



34TH ANNUAL NDIA SO/LIC SYMPOSIUM

October 30 – 31, 2023 | Washington, DC



2023 AIRCRAFT SURVIVABILITY SYMPOSIUM

October 31 – November 2, 2023* | Monterey, CA



I/ITSEC 2023

November 27 – December 1, 2023 | Orlando, FL



38TH ANNUAL NATIONAL LOGISTICS FORUM

February 6 – 7, 2024 | Oklahoma City, OK

*All Classified | **Partially Classified