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NDIA
AT THE HEART
OF THE MISSION



2021 **PACIFIC OPERATIONAL SCIENCE & TECHNOLOGY (POST) CONFERENCE**

**Overcoming Regional Security Challenges through
Collaborative Technology Engagement**

March 4, 8 – 12 | [NDIA.org/POST](https://ndia.org/POST)

AGENDA

ALL SESSION TIMES ARE LISTED IN HAWAII STANDARD TIME (HST) AND EASTERN STANDARD TIME (EST).

THURSDAY, MARCH 4 – CLOSED SESSION, BY INVITE ONLY

SCIENCE & TECHNOLOGY (S&T) PORTFOLIO REVIEW

Dr. Greg Power

Liaison, Prototypes & Experiments, J85, U.S. Indo-Pacific Command (USINDOPACOM)

MONDAY, MARCH 8 – OPEN SESSION

8:00 – 8:10 am HST

1:00 – 1:10 pm EST

WELCOME REMARKS: NDIA & USINDOPACOM

Gen Hawk Carlisle, USAF (Ret)

President and Chief Executive Officer, National Defense Industrial Association (NDIA)

Dr. Martin Lindsey

S&T Advisor, USINDOPACOM

8:10 – 8:40 am HST

1:10 – 1:40 pm EST

OPENING AND KEYNOTE REMARKS: USINDOPACOM

CAPT Tony Nelipovich, USN

San Diego Regional Office, Office of Naval Research, U.S. Navy

Moderator

8:40 – 8:55 am HST

1:40 – 1:55 pm EST

NETWORKING BREAK

8:55 – 9:55 am HST

1:55 – 2:55 pm EST

PANEL: S&T EXECUTIVES' PERSPECTIVES ON MAINTAINING TECHNOLOGY ADVANTAGE

Dr. George Ka'iliwai III, SES

Director, Requirements & Resources (J8), USINDOPACOM

Moderator

Dr. Philip Perconti, SES

Deputy Assistant Secretary of the Army (Research & Technology), U.S. Army

Ms. Joan Johnson, SES

Deputy Assistant Secretary of the Navy (Research, Development, Test, & Evaluation), U.S. Navy

Ms. Kristin Baldwin, SES

Deputy Assistant Secretary of the Air Force (Science, Technology, & Engineering), U.S. Air Force

Invited

8:55 – 9:55 am HST
1:55 – 2:55 pm EST

COVID-19 OPERATIONAL MODELING WORKSHOP

Dr. Mike vonFahnestock
Research Leader, USINDOPACOM
Moderator

COVID-19 REAL-WORLD FIRST RESPONDER PERSPECTIVES

Ms. Ericka Artz
CBRN/CWMD Analyst to Support the Joint Requirements Office for CBRN Defense

MODELING COVID-19 ON NAVY VESSEL

Dr. Brad Dickey
Senior Research Scientist, Center for Naval Analyses

APPLYING BIOSURVEILLANCE DECISION SUPPORT SYSTEM TO ADVISE AUSTRALIAN COVID-19 RESPONSE

Dr. Peter Dawson
Bioterrorism Preparedness SRI Lead, Land Division, Defense S&T Group AUS

CANADIAN AGENT-BASED MODELING AND RISK CALCULATOR APPROACHES TO SUPPORT NATIONAL COVID-19 RESPONSE

Dr. Matthew MacLead
Operational Research Analyst, Defense Research and Development Canada

9:55 – 10:40 am HST
2:55 – 3:40 pm EST

NETWORKING BREAK

9:55 – 10:40 am HST
2:55 – 3:40 pm EST

INDUSTRY SHOWCASE

The Industry Showcase is a separate event to POST 2021 and is hosted exclusively by NDIA. USINDOPACOM does not support or endorse industry showcase presenters, sponsors, or advertisers.

10:40 – 11:10 am HST
3:40 – 4:10 pm EST

FEATURED SPEAKER

CAPT Tony Nelipovich, USN
San Diego Regional Office, Office of Naval Research, U.S. Navy
Moderator

Mr. Terence Emmert
Performing the Duties of the Under Secretary of Defense for Research & Engineering

10:40 – 11:10 am HST
3:40 – 4:10 pm EST

COVID-19 OPERATIONAL MODELING WORKSHOP AGENT-BASED MODELING APPROACHES AND OPERATIONS ANALYSIS

11:10 – 11:25 am HST
4:10 – 4:25 pm EST

NETWORKING BREAK

11:25 am – 12:25 pm HST
4:25 – 5:25 pm EST

PANEL: DEPARTMENT OF DEFENSE MODERNIZATION

Dr. Daniel “Rags” Ragsdale

Acting Principal Director, Cyber, Office of the Director of Defense Research & Engineering for Modernization
(Research & Technology)

Moderator

Dr. Joe Evans

Principal Director for 5G, Office of the Director of Defense Research & Engineering for Modernization

Dr. James Trebes

Principal Director for Directed Energy, Office of the Director of Defense Research & Engineering for Modernization

Mr. Wayne Nickols

Principal Director for Quantum Science, Office of the Director of Defense Research & Engineering for Modernization

Dr. Lindsay Millard

Principal Director for Space, Office of the Director of Defense Research & Engineering for Modernization

11:25 am – 12:15 pm HST
4:25 – 5:15 pm EST

COVID-19 OPERATIONAL MODELING WORKSHOP

OPEN WORKSHOP DISCUSSION WITH SPEAKER PANEL

12:25 – 1:10 pm HST
5:25 – 6:10 pm EST

NETWORKING BREAK

12:25 – 1:10 pm HST
5:25 – 6:10 pm EST

INDUSTRY SHOWCASE

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1:10 – 2:10 pm HST
6:10 – 7:10 pm EST

PANEL: DELIVERING WARFIGHTING TECHNOLOGIES TO OVERCOME REGIONAL SECURITY CHALLENGES

Dr. Martin Lindsey

S&T Advisor, USINDOPACOM

Moderator

Brig Gen Heather Pringle, USAF

Commander, Air Force Research Laboratory, U.S. Air Force

RADM Lorin Selby, USN

Chief of Naval Research, Science & Technology, Office of Naval Research, U.S. Navy

Mr. Mike Monteleone III, SES

Director, Space and Terrestrial Communications Directorate, U.S. Army

1:10 – 2:10 pm HST
6:10 – 7:10 pm EST

WORKSHOP: INTERNATIONAL S&T COOPERATION

Mr. Joel Lane

Senior Program Analyst, Coalition Warfare Program
Moderator

AOARD/ITC-PAC/ONRG PANEL

Dr. Jermont Chen

Chief, Asian Office of Aerospace Research and Development, Air Force Research Laboratory

Dr. Ben Knott

ITC-PAC

Ms. Katy Magnum

ONRG

A&S PROGRAMS (CWP & IAC)

Col Marcia Quigley, USAF

Deputy Director, Coalition Warfare Program, Office of the Under Secretary of Defense (Acquisition & Sustainment)

Ms. Merry Lutz

Country Program Manager, International Cooperation Office,
Office of the Under Secretary of Defense (Acquisition & Sustainment)

USSF & USSPACECOM INTERNATIONAL PROGRAMS

Lt Col Brian Fredrickson, USAF

Space and Missile Systems Center, U.S. Space Force (USSF)

Mr. Jeff Todd

U.S. Space Command (USSPACECOM)

DTRA INTERNATIONAL PROGRAMS

Dr. Pauline Paki

DTRA

OUSDR(R&E) PROGRAMS PANEL

Col Corey Beaverson, USAF

Office of the Under Secretary of Defense (Research & Engineering)

2:10 – 2:15 pm HST
7:10 – 7:15 pm EST

NETWORKING BREAK

2:15 – 2:45 pm HST
7:15 – 7:45 pm EST

SPACE S&T FOR THE TERRESTRIAL WARFIGHTER

Dr. Derek Tournear

Director, Space Development Agency, Office of the Under Secretary of Defense (Research & Engineering)

2:45 – 2:50 pm HST
7:45 – 7:50 pm EST

NETWORKING BREAK

2:50 – 3:50 pm HST
7:50 – 8:50 pm EST

PANEL: ADDRESSING PRESENCE & MILITARY READINESS THROUGH AN OPERATIONALIZED S&T BOARD

Dr. Martin Lindsey
S&T Advisor, USINDOPACOM

Dr. Jeffrey Sanders
S&T Advisor, U.S. Pacific Air Forces (PACAF)

Mr. Chris Murphy
S&T Advisor, U.S. Pacific Fleet (PACFLT)

Ms. Jessica Hiraoka
S&T Advisor, U.S. Marine Forces Pacific (MARFORPAC)

Dr. Rob Smith
S&T Advisor, U.S. Army Pacific (USARPAC)

Mr. Kevin Ruddell
S&T Advisor, U.S. Special Operations Command Pacific (SOCAPAC)

3:50 – 3:55 pm HST
8:50 – 8:55 pm EST

CLOSING REMARKS

Gen Hawk Carlisle, USAF (Ret)
President and Chief Executive Officer, NDIA

Dr. Martin Lindsey
S&T Advisor, USINDOPACOM

TUESDAY, MARCH 9 – OPEN SESSION

8:00 – 8:05 am HST
1:00 – 1:05 pm EST

WELCOME REMARKS

Gen Hawk Carlisle, USAF (Ret)
President and Chief Executive Officer, NDIA

Dr. Martin Lindsey
S&T Advisor, USINDOPACOM

8:05 – 9:05 am HST
1:05 – 2:05 pm EST

PANEL: DEPARTMENT OF ENERGY

Gen Charles R. Holland, USAF (Ret)
Strategic Advisor, Lawrence Livermore National Laboratory
Moderator

Dr. John Sarrao
Deputy Director, Science, Technology, & Engineering, LANL

Ms. Kim Fowler
Director, Defense Sector, PNNL

Dr. David Sandison
Director, Center for Global Security & Cooperation, SNL

Ms. Huban Aspie Gowadia
Principal Associate Director, Global Security Principal Directorate, Lawrence Livermore National Laboratory

9:05 – 9:10 am HST
2:05 – 2:10 pm EST

NETWORKING BREAK

9:10 – 9:40 am HST
2:10 – 2:40 pm EST

BREAKTHROUGH TECHNOLOGIES & CAPABILITIES

CAPT Tony Nelipovich, USN

San Diego Regional Office, Office of Naval Research, U.S. Navy
Moderator

Dr. Peter Highnam

Acting Director, Defense Advanced Research Projects Agency (DARPA)

9:40 – 10:25 am HST
2:40 – 3:25 pm EST

NETWORKING BREAK

9:40 – 10:25 am HST
2:40 – 3:25 pm EST

INDUSTRY SHOWCASE

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10:25 – 11:05 am HST
3:25 – 4:05 pm EST

DEO

CAPT Tony Nelipovich, USN

San Diego Regional Office, Office of Naval Research, U.S. Navy
Moderator

Mr. John Garnaut

Founder, Garnaut Global

11:05 – 11:20 am HST
4:05 – 5:20 pm EST

NETWORKING BREAK

11:20 am – 12:20 pm HST
4:20 – 5:20 pm EST

REGIONAL DEFENSE S&T STRATEGY

MajGen Stephen Sklenka, USMC

Director, Strategic Planning & Policy

Moderator

Invited

Dr. Dana Johnson

Director, International Outreach & Policy, Office of the Under Secretary of Defense (Research & Engineering)

Mr. Michael Vaccaro

Director, International Armaments Cooperation, Office of the Under Secretary of Defense (Acquisition & Sustainment)

12:20 – 1:05 pm HST
5:20 – 6:05 pm EST

NETWORKING BREAK

12:20 – 1:05 pm HST
5:20 – 6:05 pm EST

INDUSTRY SHOWCASE

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1:05 – 1:25 pm HST
6:05 – 6:25 pm EST

FEATURED SPEAKER: INTRODUCTION TO EXPORT-IMPORT BANK OF THE UNITED STATES

CAPT Tony Nelipovich, USN

San Diego Regional Office, Office of Naval Research, U.S. Navy
Moderator

Mr. Adam Frost

Senior Vice President, China & Transformational Exports, Export-Import Bank of the United States

1:25 – 1:30 pm HST
6:25 – 6:30 pm EST

NETWORKING BREAK

1:30 – 1:50 pm HST
6:30 – 6:50 pm EST

OFFICE OF THE SECRETARY OF DEFENSE

CAPT Tony Nelipovich, USN

San Diego Regional Office, Office of Naval Research, U.S. Navy
Moderator

Mr. Alexander Lovett

Acting Director, Directorate of Defense Research and Engineering for Advanced Capabilities,
Office of the Under Secretary of Defense (Research & Engineering)

1:50 – 1:55 pm HST
6:50 – 6:55 pm EST

NETWORKING BREAK

1:55 – 2:20 pm HST
6:55 – 7:20 pm EST

INTERNATIONAL PANEL (1)

Dr. Mike vonFahnestock

Research Leader, USINDOPACOM
Moderator

Dr. Tomohiro Ando

Director, Technology Strategy Division, Japan

LTG Kongcheep Tantrawanit

Director General, Defense Science & Technology Department

Dr. Yeesoo Han

Director, International Corporation Division, Agency for Defense, Korea

2:20 – 2:25 pm HST
7:20 – 7:25 pm EST

NETWORKING BREAK

2:25 – 3:00 pm HST
7:25 – 8:00 pm EST

INTERNATIONAL PANEL (2)

Col Tammy Low, USAF

Deputy S&T Advisor and International S&T Lead, USINDOPACOM
Moderator

COL Victor Huang, RSN

Deputy Architect, Future Systems & Technology, Singapore

Dr. Mohd Yazid Ahmad

Acting Director, Science & Technology Research Institute for Defense, Malaysia

3:00 – 3:05 pm HST
8:00 – 8:05 pm EST

CLOSING REMARKS

Gen Hawk Carlisle, USAF (Ret)

President and Chief Executive Officer, NDIA

Dr. Martin Lindsey

S&T Advisor, USINDOPACOM

WEDNESDAY, MARCH 10 – CLOSED SESSION

8:00 am – 12:30 pm HST

1:00 – 5:30 pm EST

CLOSED SESSION DAY ONE

THIS SESSION WILL FOCUS ON WARFIGHTER PERSPECTIVES AND CAPABILITY NEEDS. IT WILL BE CONDUCTED VIA SECURE VIDEO TELECONFERENCING (SVTC). SEE SECURITY INFORMATION PAGE FOR MORE DETAILS AND IT REQUIREMENTS.

THURSDAY, MARCH 11 – CLOSED SESSION

7:50 am – 12:30 pm HST

12:50 – 5:30 pm EST

CLOSED SESSION DAY TWO

THIS SESSION WILL FOCUS ON WARFIGHTER PERSPECTIVES AND CAPABILITY NEEDS. IT WILL BE CONDUCTED VIA SECURE VIDEO TELECONFERENCING (SVTC). SEE SECURITY INFORMATION PAGE FOR MORE DETAILS AND IT REQUIREMENTS.

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