



NSWC Crane, SSP and the Mitchell Institute Presents:
THE 21ST NUCLEAR TRIAD SYMPOSIUM
AGENDA | 07.07.2021 | CRANE, INDIANA

Confirmed | LIVE Presentations

0730 **Doors Open - Coffee and Pastries**

0745-0800

Welcoming Comments:

Peter Huessy, Director of Strategic Deterrent Studies, Mitchell Institute

Welcome to the 21st Nuclear Triad Symposium

Dr. Angela Lewis (SES), Technical Director, NSWC Crane

Welcome remarks from NSWC Crane

CAPT Duncan McKay, Commanding Officer, NSWC Crane

Keynote Remarks

0800-0840

Vice Admiral Johnny Wolfe, Director for Strategic Systems Programs (SSP) | SSP and Deterrence: Job #1

0840-0920

Rear Admiral Scott Pappano, Program Executive Officer for Columbia (remote with live Q&A)

0920-0955

CAPT Pat Croley, USN, Strategic Intelligence, Program Protection and Security Branch Head, SSP

0955-1010

Networking Break

1010-1045

University Panel | Developing Long-range Strike, Space and Hypersonic Technologies for Conventional Deterrence

Prof. Thomas Corke, Director, Hypersonic Systems Initiative, University of Notre Dame

Dr. Jonathan Poggie, Professor in Purdue's School of Aeronautics and Astronautics

Prof. Andrew Lukefahr, Assistant Professor, Intelligent Systems Engineering, Indiana University

1045-1145

Industry Panel | B-21, Columbia & Trident D5LE2, GBSD and LRSO Developing and Delivering the Technology for Nuclear Deterrence

VADM (ret) Rick Breckenridge, VP of Navy and Marine Corps Programs, Northrop Grumman (prerecorded)

Dr. Laura Hooks, VP for Strategic Systems, General Dynamics Mission Systems

Chris Hoddinott, Program Director, COLUMBIA Design & Engineering, General Dynamics Electric Boat

Eric Scherff, VP, Hypersonic Strike Programs, Lockheed Martin Space Strategic & Missile Defense Systems

Scott Pingsterhaus, Sr. Director of Business Development for Integrated Solutions, Collins Aerospace

Steve Henry, Member, Board of Advisors, JRC Integrated Systems

1145-1230

Networking Lunch (Food available for purchase)



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- 1230-1310** **Navy/Army Panel on Long Range Conventional Strike**
CAPT Gregory Zettler, USN, Major Program Manager for Navy Hypersonics
Robert Strider (SES), Deputy, Army Hypersonic Project Office
- 1310-1350** **Col (ret) Michael Morgan**, USAF Global Strike Command Operations and Communications Executive Director
Col Erik Quigley, Director, MMIII System Directorate, Air Force Nuclear Weapons Center (prerecorded)
- 1350-1420** **Dr. Gillian Bussey**, Director, Joint Hypersonics Transition Office (JHTO)
- 1420-1425** **Senator Mike Braun**, U.S. Senator - Indiana
1425-1430 **Senator Todd Young**, U.S. Senator - Indiana (prerecorded)
1430-1500 **Brett Hamilton**, NSWC Crane, Distinguished Engineer and Acting Principal Director for Microelectronics (OSD R&E) "DOD Access and Implementation of SOTA Microelectronics, Why It's a Big Deal!"
- 1500-1530** **Lt. Gen. James Dawkins, Jr.**, Deputy Chief of Staff for Strategic Deterrence and Nuclear Integration, Headquarters U.S. Air Force (prerecorded)

On Demand, Prerecorded Presentations

- **John Harvey**, former Principal Deputy Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs | Ensuring Continued Bipartisan Consensus to Modernize the U.S. Nuclear Triad
- **Mathew Kroenig** of the Atlantic Council | Choosing Modernization or Choosing Obsolescence
- **Honorable Frank Miller**, Principal, Scowcroft Group | What are the Major Misconceptions About Nuclear Deterrence?
- **Michaela Dodge**, NIPP | How Does Missile Defense Fit Into the Nuclear Deterrent Equation for the U.S. and Allies?
- **Mark Gunzinger** The Mitchell Institute | Strategic Bombers and Great Power Competition; GBSD Contributions to Strategic Stability
- **Peter Huessy**, The Mitchell Institute | The Enduring Value of the Nuclear Triad
- **Angus Lapsley**, Director General for Strategy and International Affairs, UK Ministry of Defence
- **Dr. Steven Blank**, Senior Fellow at Foreign Policy Research Institute's Eurasia Program | Nuclear Weapons and Russian strategy, the Ukraine and Arctic Challenges