



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