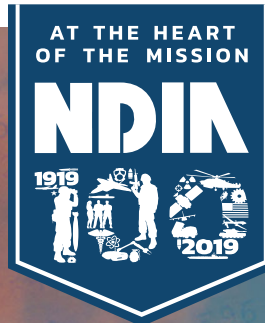


PURDUE
UNIVERSITY®

150 YEARS OF
GIANT LEAPS

UPDATED 7.10.19



2019 HYPERSONICS CAPABILITIES CONFERENCE

July 30 – August 1 | West Lafayette, IN | NDIA.org/Hyper19

AGENDA

MONDAY, JULY 29 (UNCLASSIFIED)

4:00 – 6:00 pm

OPTIONAL TOUR OF PURDUE WIND TUNNELS
AEROSPACE SCIENCES LAB

TUESDAY, JULY 30 (UNCLASSIFIED)

7:30 am – 4:00 pm

REGISTRATION
PURDUE MEMORIAL UNION BALLROOM

7:30 – 8:30 am

NETWORKING BREAKFAST
PURDUE MEMORIAL UNION BALLROOM

8:30 – 8:40 am

WELCOME REMARKS
Gen Herbert “Hawk” Carlisle, USAF (Ret)
President and CEO, National Defense Industrial Association (NDIA)

8:40 – 8:50 am

WELCOME TO PURDUE
Mung Chiang
Dean, College of Engineering, Purdue University

8:50 – 9:00 am

INDIANA AND DEFENSE
Eric Holcomb
Governor, Indiana

9:00 – 10:00 am

MORNING KEYNOTE
Mark Lewis
Director, IDA Science & Technology Policy Institute

A banner for the Indiana Innovation Institute. The background is a dark, green-tinted image of a person's face in profile, looking down at a mechanical component. On the left, there are three yellow hexagonal icons stacked vertically, each containing a different technology: 'HYPERSONICS', 'TRUSTED MICROELECTRONICS', and 'ELECTRO-OPTICS'. On the right, the 'INDIANA INNOVATION INSTITUTE' logo is displayed in large, bold, green letters. Below the logo, the text 'An applied research institute bringing together the best minds from government, industry and academia to transform ideas into capabilities.' is written in white. At the bottom right, the website 'www.in3indiana.com' is listed in yellow.

INDIANA
INNOVATION INSTITUTE

An applied research institute bringing together the best minds from **government**, **industry** and **academia** to *transform ideas into capabilities.*

www.in3indiana.com

10:00 – 10:30 am

NETWORKING BREAK

PURDUE MEMORIAL UNION BALLROOM

10:30 – 11:45 am

PANEL: UNIVERSITY HYPERSONIC RESEARCH PARTNERSHIPS

Dr. Jonathan Poggie

Professor, Aeronautic and Astronautic Engineering, Purdue University

Moderator

Dr. Thomas Corke

Notre Dame

Dr. Ivett Leyva

Air Force Office of Scientific Research, AFRL

Dr. Eric Marineau

Program Officer, Hypersonic Aerodynamics, Heat Transfer and Materials, Office of Naval Research

Dr. John Schmisser

University of Tennessee Space Institute

Dr. Iain Boyd

University of Michigan

Dr. Russ Cummings

DoD HPCMP Hypersonic Vehicle Simulation Institute, United States Air Force Academy

11:45 am – 1:15 pm

NETWORKING LUNCH

PURDUE MEMORIAL UNION BALLROOM

Rep. Pete Visclosky

Chairman, House Appropriations Subcommittee on Defense

1:15 – 1:45 pm

INDUSTRIAL BASE PLANNING

Dr. Chris Michienzi

Director, Assessments, Policy and Industry Outreach, Under Secretary of Defense, Acquisition and Sustainment

1:45 – 3:00 pm

PANEL: INDUSTRY PERSPECTIVE ON THE “NEW INDUSTRIAL BASE”

Col Wesley Hallman, USAF (Ret)

Senior Vice President, Strategic Programs & Policy, National Defense Industrial Association (NDIA)

Moderator

Representatives from industry to be announced soon.

3:00 – 3:30 pm

NETWORKING BREAK

PURDUE MEMORIAL UNION BALLROOM

3:30 – 4:00 pm

SUSTAINING AFFORDABLE AND EFFECTIVE HYPERSONIC CAPABILITIES

Alan Shaffer

Deputy Under Secretary of Defense for Acquisition and Sustainment

4:00 pm

CLOSING REMARKS

5:00 – 7:30 pm **RECEPTION AND KEYNOTE NETWORKING DINNER**
PURDUE MEMORIAL UNION BALLROOM
Robert Work
Former Deputy Secretary of Defense

WEDNESDAY, JULY 31 (CLASSIFIED)

7:30 am – 4:30 pm **REGISTRATION, & SECURITY CHECK-IN**
PURDUE MEMORIAL UNION BALLROOM AND EAST FOYER OF STEWART CENTER

7:30 – 8:30 am **NETWORKING BREAKFAST**
PURDUE MEMORIAL UNION BALLROOM

8:30 – 9:00 am **DEPARTMENT OF DEFENSE-WIDE INITIATIVES**
Mike White
Assistant Director, Hypersonics, Office of the Under Secretary of Defense Research and Engineering

9:00 – 9:30 am **USAF DEVELOPMENT PROGRAMS**
Brig Gen Anthony Genatempo, USAF
PEO Weapons
Invited

9:30 – 10:00 am **USN DEVELOPMENT PROGRAMS**
CAPT John Lowery, USN
Program Manager, Navy IRCPS

10:00 – 10:30 am **USAF ACQUISITION & TECHNOLOGY**
Dr. Will Roper
Assistant Secretary of the Air Force for Acquisition, Technology and Logistics
Invited

10:30 – 11:00 am **ARMY DEVELOPMENT PROGRAMS**
LTG Neil Thurgood, USA
Rapid Capabilities and Critical Technologies Office
Invited

11:00 – 11:30 am **HYPERSONIC DEFENSE DEVELOPMENT**
Keith Englander
Director of Engineering, Missile Defense Agency

11:30 am – 12:30 pm **NETWORKING LUNCH**
PURDUE MEMORIAL UNION BALLROOM

12:30 – 1:45 pm

PANEL: DEVELOPING ADVANCED CAPABILITIES

Len Zentz

Senior Technical Advisor, SSP
Moderator

Dr. Scott Morton

Air Vehicles Project Manager, DoD HPCMP CREATE

Dr. James Weber

Special Assistant for Hypersonics, USAF//Assigned to OUSD (R&E)

Dr. Brennan McCarragher

Director, Strategic Systems, The Charles Stark Draper Laboratory

David Plummer

Director, Integrated Military Systems, Sandia National Laboratories

Dr. Daniel DeLaurentis

Professor, Aeronautic and Astronautic Engineering and Director, Institute for Global Security and Defense Innovation (i-GSDI), Purdue University

1:45 – 3:00 pm

PANEL: HYPERSONIC EMPLOYMENT PLANS

Gen Herbert “Hawk” Carlisle, USAF (Ret)

President & CEO, NDIA
Moderator

LTG Charles Flynn, USA

Deputy Chief of Staff, G-3/5/7
Invited

VADM Stuart Munsch, USN

Deputy Chief of Naval Operations for Operations, Plans and Strategy (N3/N5)

Maj Gen Russell Mack, USAF

Assistant Deputy Chief of Staff, Operations, Headquarters U.S. Air Force

3:00 – 3:30 pm

NETWORKING BREAK

PURDUE MEMORIAL UNION BALLROOM

3:30 – 4:00 pm

AFTERNOON KEYNOTE

Gen David Goldfein, USAF

Chief of Staff, U.S. Air Force

4:00 – 4:30 pm

PROTECTING THE HOMELAND

Gen Terrence J. O’Shaughnessy, USAF

USNORTHCOM

4:30 pm

CLOSING REMARKS

4:45 – 5:45 pm

NETWORKING RECEPTION

PURDUE MEMORIAL UNION BALLROOM

THURSDAY, AUGUST 1 (CLASSIFIED)

7:30 – 11:45 am	REGISTRATION & SECURITY CHECK-IN PURDUE MEMORIAL UNION BALLROOM & EAST FOYER OF STEWART CENTER
7:30 – 8:30 am	NETWORKING BREAKFAST PURDUE MEMORIAL UNION BALLROOM
8:30 – 9:00 am	HYPERSONICS IN THE INDO-PACIFIC Lt Col Jeffrey Komives, USAF, Ph.D. Assistant Professor of Aerospace Engineering Air Force Institute of Technology (AFIT/ENY)
9:00 – 9:30 am	TBD
9:30 – 10:00 am	OPERATIONAL AND TACTICAL LEVEL FIRES Rob Picht Deputy Director, Long Range Precision Fires (LRPF) Cross Functional Team (CFT), Army Futures Command
10:00 – 10:30 am	ENGINEERING MANAGEMENT TO EXPEDITIOUSLY DELIVER CAPABILITIES Pat Shaffer NSWC Crane
10:30 – 11:45 am	PANEL: MAINTAINING OPERATIONAL SUPERIORITY Invited panelists from industry to be announced soon
11:45 am	PROGRAM ADJOURNS
11:45 am – 1:45 pm	OPTIONAL TOUR OF PURDUE WIND TUNNELS AEROSPACE SCIENCES LAB

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.