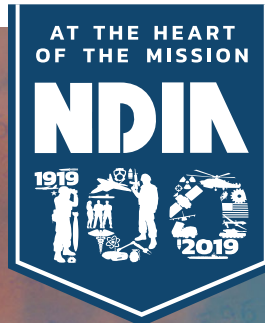


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2019 HYPERSONICS CAPABILITIES CONFERENCE

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

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 TO PURDUE**
LOEB PLAYHOUSE

Mung Chiang
Dean, College of Engineering, Purdue University

8:40 – 8:45 am **WELCOME TO NDIA AND CONFERENCE OVERVIEW**
LOEB PLAYHOUSE

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

8:45 – 8:50 am **BEGINNING A STRATEGIC DIALOGUE**
LOEB PLAYHOUSE

Richard D. McConn
CEO, M International, Inc.
Chair of the Board, National Defense Industrial Association (NDIA)

8:50 – 9:00 am **INDIANA AND DEFENSE**
LOEB PLAYHOUSE

Eric Holcomb
Governor, Indiana

9:00 – 10:00 am **MORNING KEYNOTE**
LOEB PLAYHOUSE

Mark Lewis
Director, IDA Science & Technology Policy Institute

10:00 – 10:30 am **NETWORKING BREAK**
PURDUE MEMORIAL UNION BALLROOM

10:30 – 11:45 am

PANEL: UNIVERSITY HYPERSONIC RESEARCH PARTNERSHIPS

LOEB PLAYHOUSE

Dr. Jonathan Poggie

Professor, Aeronautics and Astronautics; Hypersonics Lead, Institute for Global Security and Defense Innovation, Purdue University
Moderator

Dr. Thomas Corke

Clark Equipment Professor, Aerospace and Mechanical Engineering, University of 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

James E. Knott Professor, Aerospace Engineering, University of Michigan

Dr. Russ Cummings

Professor, Aeronautics, Director, 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

LOEB PLAYHOUSE

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”

LOEB PLAYHOUSE

Heather Havens, Ph.D.

Vice President, Strategy, National Defense Industrial Association (NDIA)
Moderator

Michael Johns

Vice President, Engineering, Southern Research

Jimmy Jenkins

Director of Strategic Programs Strategy and Capture, Dynetics Technical Solutions, Inc.

Doug Graham

Vice President, SMD/APD Space, Lockheed Martin

Phil Smereczniak

Director of Hypersonics, Moder Technology Solutions, Inc. (MTSi)

3:00 – 3:30 pm

NETWORKING BREAK

PURDUE MEMORIAL UNION BALLROOM

- 3:30 – 4:00 pm **SUSTAINING AFFORDABLE AND EFFECTIVE HYPERSONIC CAPABILITIES**
LOEB PLAYHOUSE
Alan Shaffer
Deputy Under Secretary of Defense for Acquisition and Sustainment
- 4:00 pm **CLOSING REMARKS**
LOEB PLAYHOUSE
- 5:00 – 7:30 pm **RECEPTION AND KEYNOTE NETWORKING DINNER**
PURDUE MEMORIAL UNION BALLROOM
Mitchell E. Daniels, Jr.
President, Purdue University
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**
FOWLER HALL
Mike White
Assistant Director, Hypersonics, Office of the Under Secretary of Defense Research and Engineering
- 9:00 – 9:30 am **USAF ACQUISITION & TECHNOLOGY**
FOWLER HALL
Dr. Will Roper
Assistant Secretary of the Air Force for Acquisition, Technology and Logistics
- 9:30 – 10:00 am **USN DEVELOPMENT PROGRAMS**
FOWLER HALL
CAPT John Lowery, USN
Program Manager, Navy IRCPS
- 10:00 – 10:30 am **DARPA MATERIALS FOR EXTREME ENVIRONMENTS**
FOWLER HALL
William Carter, Ph.D.
Program Manager, DARPA/DSO

10:30 – 11:00 am

ARMY DEVELOPMENT PROGRAMS

FOWLER HALL

LTG Neil Thurgood, USA

Rapid Capabilities and Critical Technologies Office

Invited

11:00 – 11:30 am

HYPERSONIC DEFENSE DEVELOPMENT

FOWLER HALL

Keith Englander

Director of Engineering, Missile Defense Agency

11:30 am – 1:00 pm

NETWORKING LUNCH

PURDUE MEMORIAL UNION BALLROOM

1:00 – 2:15 pm

PANEL: DEVELOPING ADVANCED CAPABILITIES

FOWLER HALL

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. Brenan 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

2:15 – 3:00 pm

NETWORKING BREAK

PURDUE MEMORIAL UNION BALLROOM



3:00 – 3:45 pm **AFTERNOON KEYNOTE**
FOWLER HALL

Gen David Goldfein, USAF
Chief of Staff, U.S. Air Force

3:45 – 4:30 pm **PROTECTING THE HOMELAND**
FOWLER HALL

Gen Terrence J. O’Shaughnessy, USAF
USNORTHCOM

4:30 pm **CLOSING REMARKS**
FOWLER HALL

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 – 9:30 am **HYPERSONICS IN THE INDO-PACIFIC**
FOWLER HALL

Lt Col Jeffrey Komives, USAF, Ph.D.
Assistant Professor of Aerospace Engineering Air Force Institute of Technology (AFIT/ENY)

9:30 – 10:00 am **OPERATIONAL AND TACTICAL LEVEL FIRES**
FOWLER HALL

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**
FOWLER HALL

Pat Shaffer
NSWC Crane

10:30 – 11:45 am

PANEL: MAINTAINING OPERATIONAL SUPERIORITY

FOWLER HALL

Gen James Boozer, USA (Ret)

EXECUTIVE VICE PRESIDENT, NATIONAL DEFENSE INDUSTRIAL ASSOCIATION (NDIA)

MODERATOR

Mark Wilson

Chief Operating Officer of Liberty Works, Rolls-Royce

Dr. Kristen Brosnan

Technology Manager, Metals & Ceramics, GE Research

Dr. Daniel Millman

Chief Engineer, Booz Allen Fellow for Hypersonics, Booz Allen Hamilton

Tim Cahill, Vice President

IAMD Missiles and Fire Control, Lockheed Martin

John Otto

Program Director, Hypersonic Cruise Missile Program, Raytheon

11:45 am

PROGRAM ADJOURNS

FOWLER HALL

11:45 am – 1:45 pm

OPTIONAL TOUR OF PURDUE WIND TUNNELS

AEROSPACE SCIENCES LAB

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