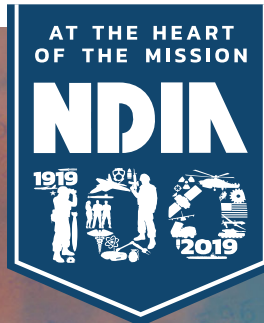


PURDUE
UNIVERSITY®

150
YEARS
OF
GIANTLEAPS

UPDATED 5.16.19



2019

HYPERSONICS

CAPABILITIES CONFERENCE

July 30 – Aug 1 | West Lafayette, IN | [NDIA.org/Hyper19](https://ndia.org/Hyper19)

AGENDA

TUESDAY, JULY 30 (UNCLASSIFIED)

- 7:00 – 8:00 am **REGISTRATION & NETWORKING BREAKFAST**
- 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
Invited
- 9:00 – 9:30 am **HYPERSONIC OFFENSIVE AND DEFENSIVE PROGRAMS OVERVIEW**
General Joseph Dunford
Chairman of the Joint Chiefs of Staff
Invited
- 9:30 – 10:45 am **PANEL: UNIVERSITY HYPERSONIC RESEARCH PARTNERSHIPS**
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

Jonathan Poggie
Professor of AAE, Purdue University
Moderator
- 10:45 – 11:15 am **NETWORKING BREAK**

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| 11:15 – 11:45 am | TEST INFRASTRUCTURE STATUS AND INVESTMENT PLANS
Robert Behler
Director, Operational Test and Evaluation
<i>Invited</i> |
| 11:45 am – 12:15 pm | ADVERSARIAL HYPERSONIC ADVANCES
Mark Lewis
Director, IDA Science & Technology Policy Institute |
| 12:15 – 1:15 pm | NETWORKING LUNCH |
| 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”
Representatives from industry to be announced soon. |
| 3:00 – 3:30 pm | NETWORKING BREAK |
| 3:30 – 4:00 pm | SUSTAINING AFFORDABLE AND EFFECTIVE HYPERSONIC CAPABILITIES
Alan Shaffer
Deputy Under Secretary of Defense for Acquisition and Sustainment |
| 4:00 – 4:30 pm | PREPARING FOR A NEW OPERATIONAL PARADIGM
Lt Gen Dave Deptula, USAF (Ret)
Dean, Mitchell Institute, Air Force Association |
| 4:30 pm | CLOSING REMARKS |
| 5:30- 8:00 pm | RECEPTION AND KEYNOTE NETWORKING DINNER |

WEDNESDAY, JULY 31 (CLASSIFIED)

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|----------------|--|
| 7:30 – 8:30 am | REGISTRATION & SECURITY CHECK-IN |
| 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 <i>Invited</i>
9:30 – 10:00 am	USN DEVELOPMENT PROGRAMS VADM Johnny Wolfe, USN Director, SSP <i>Invited</i>
10:00 – 10:30 am	NETWORKING BREAK
10:30 – 11:00 am	ARMY DEVELOPMENT PROGRAMS LTG James Dickinson, USA Commanding General, SMDC <i>Invited</i> LTG Neil Thurgood, USA Rapid Capabilities and Critical Technologies Office <i>Invited</i>
11:00 – 11:30 am	HYPERSONIC DEFENSE DEVELOPMENT Keith Englander Director of Engineering, Missile Defense Agency
11:30 am – 12:30 pm	NETWORKING LUNCH
12:30 – 1:45 pm	PANEL: DEVELOPING ADVANCED CAPABILITES Len Zentz Senior Technical Advisor, SSP <i>Moderator</i> Invited Lab participants to be announced soon.
1:45 – 3:00 pm	PANEL: HYPERSONIC EMPLOYMENT PLANS Gen Herbert “Hawk” Carlisle, USAF (Ret) President and CEO, National Defense Industrial Association (NDIA) <i>Moderator</i> Invited panelists from the Air Force, Army & Navy to be announced soon.
3:00 – 3:30 pm	NETWORKING BREAK

3:30- 4:00 pm

AFTERNOON KEYNOTE

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

4:00 – 4:30 pm

UASF ACQUISITION & TECHNOLOGY

Dr. Will Roper
Assistant Secretary of the Air Force for Acquisition, Technology and Logistics
Invited

4:00 – 4:30 pm

OPERATIONAL AND TACTICAL LEVEL FIRES

COL John Rafferty, USA
Director, Long Range Precision Fires (LRPF) Cross Functional Team (CFT), Army Futures Command

4:30 pm

CLOSING REMARKS

TBD

GENERAL ELECTRIC HOSTED RECEPTION***THURSDAY, AUGUST 1 (CLASSIFIED)**

7:00 – 8:00 am

REGISTRATION & SECURITY CHECK-IN

8:00 – 8:30 am

PROTECTING THE HOMELAND

Gen Terrence J. O'Shaughnessy, USAF
USNORTHCOM
Invited

8:30 – 9:00 am

ENABLING HYPERSONIC GLOBAL STRIKE

Gen. Timothy Ray
Commander, AFGSC
Invited

9:00 – 9:30 am

HYPERSONICS IN THE INDO-PACIFIC

TBD
U.S. Indo-Pacific Command

9:30 – 10:00 am

NETWORKING BREAK

10:00 – 10:30 am

HYPERSONICS IN THE EUROPEAN THEATER

TBD
U.S. European Command

10:30 – 11:00 am	FLEET PREPARATION FOR HYPERSONICS TBD
11:00 am – 12:15 pm	PANEL: INFRASTRUCTURE AND LOGISTICS TO SUSTAIN HYPERSONIC CAPABILITIES Invited panelists from the Air Force, Army & Navy to be announced soon.
12:15 – 1:15 pm	NETWORKING LUNCH
1:15 – 1:45 pm	ENGINEERING MANAGEMENT TO EXPEDITIOUSLY DELIVER CAPABILITIES TBD NSWC Crane
1:45 – 3:00 pm	PANEL: MAINTAINING OPERATIONAL SUPERIORITY Invited panelists from industry to be announced soon.
3:00 – 3:30 pm	CLOSING KEYNOTE
3:30 pm	PROGRAM ADJOURNS
4:00 – 6:00 pm	OPTIONAL TOUR OF PURDUE WIND TUNNELS* AEROSPACE SCIENCES LAB

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