



NEXT GENERATION MISSILES AND HYPERSONICS SUMMIT

Presented By



In Collaboration With:



DECEMBER 9-10, 2025 | RESTON, VIRGINIA | SHERATON HOTEL

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Day 1 – December 9, 2025	
0755	REGISTRATION AND NETWORKING IN THE EXHIBITION HALL
0855	IDGA WELCOME REMARKS Luke Spitaletta, Senior Conference Producer, IDGA
0900	WHERE WE ARE IN HYPERSONICS TODAY Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI)
0930	ADVANCED MANUFACTURING FOR HYPERSONIC FLIGHT <i>Moderator:</i> Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI) <i>Speakers:</i> Dr. Robert Baurle, Senior Scientist, Hypersonics, Air Force Research Laboratory Dr. Mark Benedict, Senior Scientist, Advanced Manufacturing, Air Force Research Laboratory
1000	FUTURE-PROOFING MISSILES DEFENSE: SPACE SCIENCE PRIORITIES IN A HYPERSONICS ERA Dr. Gillian Bussey, Deputy Chief Science Officer, US Space Force
1030	NETWORKING COFFEE BREAK IN THE EXHIBITION HALL
1100	INSIDE THE USSC INTEGRATED PRIORITY LIST FOR NEXT-GENERATION CAPABILITIES David Short, Sr. Tech Advisor & Deputy Div Chief, Advanced Warfare Capability & Resource Analysis Division (J81), US Space Command
1130	PANEL DISCUSSION: FUELING INNOVATION: FUTURE JHTO FUNDING AND UNIVERSITY-LED HYPERSONICS R&D <i>Moderator:</i> Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI) <i>Speakers:</i> Dr. Rodney Bowersox, Senior Associate Dean for Research, Texas A&M University Zach Gent, Liaison Officer, Joint Hypersonics Transition Office
1200	LUNCH AND NETWORKING IN THE EXHIBITION HALL
1330	DRIVING INNOVATION THROUGH INDUSTRIAL BASE MODERNIZATION Richard Ast, Kinetic Capabilities (Hypersonics, Munitions, Unmanned Systems) Sector Lead, IBAS Program, ICAM Office, OASD for Industrial Base Policy, OUSW for Acquisition and Sustainment
1400	NAVAL DELIVERY OF PROMPT STRIKE: MARITIME INTEGRATION OF HYPERSONICS Captain Gene Severtson, Major Program Manager, Conventional Prompt Strike, US Navy
1430	NETWORKING COFFEE BREAK IN THE EXHIBITION HALL
1500	FIRESEAT CHAT: EXTERME MATERIALS FOR EXTERME ENVIRONMENTS: UNDERSTANDING MATERIAL BEHAVIOR IN HYPERSONIC SYSTEMS <i>Moderator:</i> Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI) <i>Speaker:</i> Dr. Mohammed Zikry, Zan Prevost Smith Distinguished Professor, Dept. Of Mechanical and Aerospace Engineering, North Carolina State University
1530	ACCELERATING HYPERSONICS THROUGH ADDITIVE MANUFACTURING, DIAGNOSTICS, & MODELING DESCRIPTION <i>Moderator:</i> Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI) <i>Speakers:</i> Dr. Greg Scofield, Hypersonics Laboratory Director, Purdue Applied Research Institute LLC (PARI) Dr. David Bertz, Senior Project Manager, Hypersonics Advanced Manufacturing Technology Center, Purdue Applied Research Institute LLC (PARI) Dr. Julio Hernandez, Characterization Engineer/Researcher, Purdue Applied Research Institute LLC (PARI)
1615	CHAIR'S CLOSING REMARKS Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI)
1630	END OF CONFERENCE DAY ONE

Day 2- December 10, 2025	
0800	REGISTRATION AND NETWORKING IN THE EXHIBITION HALL
0900	CHAIR'S WELCOME REMARKS Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI)
0915	STRATEGIC VISION FOR HYPERSONICS: BUILDING THE FUTURE FORCE Dr. James Weber, Principal Director, Hypersonics, Applied Technology, Office of the Secretary of War
1000	ADVANCING HYPERSONIC T&E INFRASTRUCTURE ACROSS DOMAINS Geoff Wilson, Program Manager, Test & Evaluation / Science & Technology Program, Test Resource Management Center (TRMC), Office of the Under Secretary of War for Research and Engineering
1030	NETWORKING COFFEE BREAK IN THE EXHIBITION HALL
1100	MODERNIZING THE ARMY'S MISSILE AND SPACE PORTFOLIO FOR MULTI-DOMAIN OPERATIONS Lieutenant General Frank Lozano, Portfolio Acquisition Executive Fires (PAE Fires), US Army
1130	PROCURING THE FUTURE: COUNTER-HYPERSONIC CAPABILITIES IN THE MISSILE DEFENSE ARCHITECTURE Tracy Tynan, Director for Acquisition and Sustainment, Missile Defense Agency
1200	LUNCH AND NETWORKING IN THE EXHIBITION HALL
1300	TESTING AT THE SPEED OF RELEVANCE: WHITE SANDS' ROLE IN ADVANCING NEXT-GENERATION MISSILES AND HYPERSONICS Colonel Matthew Johnson, Commander, White Sands Test Center, US Army
1330	ENSURING SAFE & EFFECTIVE WEAPON INTEGRATION ACROSS NEXT-GENERATION AIRCRAFT Colonel Alec Spencer, Director, SEEK EAGLE Office, US Air Force
1400	PANEL DISCUSSION: INNOVATION AT SPEED: UNIVERSITY-LED BREAKTHROUGHS IN HYPERSONICS <i>Moderator:</i> Dr. Mark J. Lewis, CEO, Purdue Applied Research Institute LLC (PARI) <i>Speakers:</i> Dr. Prashant Khare, Professor, Bradley Jones Chair & Department Head, Department of Aerospace Engineering, University of Cincinnati Dr. Kareem Ahmed, Professor and Trustee Chair Professor, Director, UCF Center of Excellence in Hypersonics and Space Propulsion, University of Central Florida
1445	NETWORKING COFFEE BREAK IN THE EXHIBITION HALL
1515	END OF CONFERENCE