
Integration Readiness Levels Workshop

April 3-5, 2024

The National Academy of Sciences
2101 Constitution Avenue, NW - Washington D.C
Board Room

Agenda

Day 1 – April 3rd – 0830-1700 EST

0830 – 0900 **Arrival and Breakfast**

0900 – 0915 **Welcome and Introductions**
Steven Darbes, Program Officer, NASEM
William ‘Bruno’ Millonig, BOARD Director, NASEM
Paul Gaffney, Chair

0915 – 0945 **Comments from the Sponsor/Army**
- **Matthew Willis**, Office of the Deputy Assistant Secretary of
the Army for Research and Technology

Morning Sessions

0945 – 1030 **Army Integration Readiness**
- **Paul Terzulli**, Deputy Director, PEO IEW&S Integration
Directorate, U.S. Army

1030 – 1200 **Panel Discussion (OSD, DAU)**
- **Robert Larino**, Director for Policy and Workforce, Office of
the Executive Director for Systems Engineering and
Architecture, OUSD(R&E)
- **David Pearson**, Center Director for Engineering &
Technology, Defense Acquisition University
- **Robert Raygan**, Professor of Systems Engineering, Defense
Acquisition University
Panel Moderator: James Thomsen, *committee member*

1200 – 1300	Lunch
1300 – 1345	GAO Acquisition Reports and Implementation of TRLs - Michael Sullivan , FMR. Director, Contracting and National Security Acquisitions, Government Accountability Office
1345 – 1445	IRLs Origin and Development - Brian Sauser , Professor and Department Chair of Logistics and Operations Management, University of North Texas
1445 – 1500	Break
1500 – 1600:	IRLs at NASA - Steven Hirshorn , Chief Engineer, Aeronautics Research Mission Directorate
1600 – 1700:	Closing Discussion
1700	Adjourn Open Session
1830	Committee Working Dinner (Committee and Staff Only)
2000	Day 1 Adjournment

Day 2 – April 4th – 0830-1700 EST

0830 – 0900 **Arrival and Breakfast**

Morning Sessions

0900 – 1030	Industry Perspectives Panel <ul style="list-style-type: none"> ○ Kory Mathews, retired VP of Program Management, the Boeing Company ○ Michael Drews, VP NC3 Advanced Capabilities and Mission Strategy, Lockheed Martin Space Panel Moderator: William Osborne, <i>committee member</i>
1030 – 1130	Hypersonics Technology Panel <ul style="list-style-type: none"> ○ Davis Van Wie, Head of Air and Missile Defense Sector, John Hopkins Applied Physics Laboratory ○ Grant Chandler, Chief Engineer, Army Hypersonics Project Office, Rapid Capabilities & Critical Technologies Office Panel Moderator: Gary Polansky, <i>committee member</i>

1130 – 1230	Quantum Technology Panel <ul style="list-style-type: none"> ○ Richard Overstreet, Chief Scientist Atomic Clocks, Microchip Inc. ○ Allen Farrington, Demonstrations Manager, Office of Technology, Infusion, and Strategy, Jet Propulsion Laboratory Panel Moderator: Peter Schwindt, <i>committee member</i>
1230 – 1330	Lunch
<u>Afternoon Session</u>	
1330 – 1430	Directed Energy Technology Panel <ul style="list-style-type: none"> ○ Thomas Karr, Chief Scientist for Sensing and Directed Energy at MITRE, ○ James Trebes, former Principal Director for Directed Energy, OUSD (R&E) Panel Moderator: John Luginsland, <i>committee member</i>
1430 – 1530	Artificial Intelligence/Machine Learning Technology Panel <ul style="list-style-type: none"> ○ CAPT M. Xavier Lugo, Task Force Lima Commander, OSD Chief Digital and Artificial Intelligence Office ○ Scott Fisher, VP National Security and Intelligence ECS Technologies Panel Moderator: Jane Pinelis, <i>committee member</i>
1530 – 1600	Break
1600 – 1700	Day 2 Closing Discussion
1700	Adjourn

Day 3 – April 5th – 0900-1300 EST

0900 – 0930	Arrival and Breakfast
0930 – 1100	Discussion of Day 1 and Day 2 Content
1100 – 1200	Key Observations for the Sponsor
1200 – 1300	Lunch (Working Lunch)
1300	Workshop Adjourns