

AI & Compute Technologies for Aerospace Workshop Agenda

March 31-April 2, 2026



Tuesday, March 31	
8:30 - 9:00	Breakfast
9:00 - 9:15	Welcome and Opening Remarks Col Jason Hansberger, Director, DAF Stanford AI Studio
9:15 - 10:15	Panel 1: Thresholds of Success <i>Moderator</i> Col Jason Hansberger, Director, DAF Stanford AI Studio <i>Panelists</i> Col Maryann “Yeti” Karlen, Commandant, USAF Test Pilot School Col Dave “Maddog” Madsen, Commandant, USAF Weapons School
10:15 - 10:30	Coffee Break
10:30 - 11:30	Fireside: Strategic Horizons: Harnessing Emerging AI for National Competitiveness <i>with</i> Dr Charles Ball, CTO, Genesis Mission
11:30 - 12:30	Lunch

Tuesday, March 31

12:30 - 1:30	<p>Fireside: Mission Driven Discovery: Closing the Loop Between S&T and T&E</p> <p><i>with</i> Major General Scott Cain, Commander, Air Force Test Center</p>
1:30 - 3:00	<p>Panel 2: Opportunities for Physical AI</p> <p><i>Moderator</i> Maj John “Heater” Alora, Director of Operations, DAF Stanford AI Studio</p> <p><i>Panelists</i> Lt Col Daniel “Knots” Harp, Experimental Test Pilot, USAF Dr Andrew Wissink, CREATE Air Vehicles Project Manager, US Army Dr Luc Peterson, Physicist, LLNL Lt Col Joshua “Phoenix” Strafaccia, Experimental Test Pilot, USAF</p>
3:00 - 4:00	<p>Problems Lightning Talks</p> <p>Maj Nick “Bane” Caraballo, Director of Integration, Warfare Center Dr Scott Nivison, Senior Research Scientist, AFRL</p>
4:00 - 4:45	<p>Coffee Break</p>
4:45 - 5:30	<p>Fireside Chat</p> <p>Lt Col Raven “Rost” LeClair, Test Pilot / Commander 370 FLTS, USAF <i>with</i> Honorable Dale Marks, Deputy Under Secretary of War for Acquisition & Sustainment, Department of War</p>

Wednesday, April 1

8:30 - 9:00	<p>Breakfast</p>
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Wednesday, April 1

9:00 - 10:30	<p>Panel 1: Physical AI for Design and Simulation</p> <p><i>Moderator</i> Professor Juan Alonso, Department Chair, Stanford AA</p> <p><i>Panelists</i> Professor Charbel Farhat, Stanford AA Dr Nathan Kutz, Director, Physics Informed AI, Autodesk Research</p>
10:30 - 11:00	Breakout Session for Panel 1 + Posters
11:00 - 11:45	Plenary Keynote Talk
11:45 - 12:00	Q&A
12:00 - 1:00	Lunch
1:00 - 2:00	<p>CEO Fireside Chat</p> <p>Professor Juan Alonso, Department Chair, Stanford AA <i>with</i> to be announced</p>
2:00 - 3:30	<p>Panel 2: Physical AI for Trusted Autonomy</p> <p><i>Moderator</i> Professor Marco Pavone, Stanford AA</p> <p><i>Panelists</i> Dr Brian Ichter, Co-Founder, Physical Intelligence Dr Han Park, VP of Artificial Intelligence Integration, Northrop Grumman Dr Alessandro Pinto, Autonomy Assurance Lead, NASA JPL</p>
3:30 - 4:00	Breakout Session for Panel 2 + Posters

Wednesday, April 1

4:00 - 5:30	Panel 3: Efficient Compute for Physical AI <i>Moderator</i> Adj Professor Ali Keshavarzi, Stanford EE <i>Panelists</i> Professor Tom Lee, Stanford Professor Sayeef Salahuddin, UC Berkeley Professor Thierry Tambe, Stanford EE Tom Tomazin, Vice President of Engineering, NVIDIA
5:30 - 6:00	Breakout Session for Panel 3 + Posters
6:00 - 7:00	Networking + Social

Thursday, April 2

8:30 - 9:00	Breakfast
9:00 - 9:45	Fireside Chat 1: Perspective from the Prime
9:45 - 10:00	Q&A
10:00 - 11:00	Panel 1: Entrepreneurs and Startup CEOs <i>Moderator</i> Dr Natalya Bailey, Founder, Squawk AI / Revolution Space <i>Panelists</i> Dr Sertac Karaman, President and CTO, Tycho AI Denis Mars, CEO, Apex Ultra Dr Will Roper, CEO, Istari Digital Dr Reza Zadeh, CEO, Matroid
11:00 - 12:00	Lunch

Thursday, April 2

12:00 - 1:00	<p>Panel 2: Funding Deep Tech and National Security with Venture Capitalists</p> <p><i>Moderator</i> Ernestine Fu, Co-Director, Stanford Frontier Technology Lab</p> <p><i>Panelists</i> AJ Bertone, Managing Partner, In-Q-Tel</p>
1:00 - 1:15	<p>Coffee Break</p>
1:15 - 2:45	<p>Fireside Chat 2: DAF Acquisitions</p> <p>Capt Chris Dylewski, Chief of Staff, DAF Stanford AI Studio <i>with</i> Deidra Eberhardt, Acting Executive Director and Director, Atlas, Space Force</p>
2:45 - 3:00	<p>Coffee Break</p>
3:00 - 3:30	<p>Ending Keynote</p> <p>General John Lamontagne, Vice Chief of Staff of the Air Force</p>
3:30 - 4:30	<p>Fireside Chat 2</p> <p>Col Jason Hansberger, Director, DAF Stanford AI Studio <i>with</i> General John Lamontagne, Vice Chief of Staff of the Air Force</p>
4:30 - 5:00	<p>Closing Thoughts and Ribbon Cutting Ceremony for the AI Studio</p>