

CONFERENCE ON ATMOSPHERIC RESEARCH USING COMMERCIAL SUBORBITAL VEHICLES

February 27-28, 2025

Allegretto Vinyard Resort, Paso Robles

Thursday, February 27, 2025		
7:30 a.m. – 3 p.m.	Registration	
7:30 – 8:30 a.m.	Breakfast Bar	
8:30 – 8:40 a.m.	Jeff Armstrong	Welcome from Cal Poly President
8:40 – 8:45 a.m.	Dustin DeBrum	Conference Overview & Logistics
8:45 – 9:30 a.m.	Todd Smith	The Science of the Mesosphere-Lower Thermosphere (MLT)
9:30 – 10:30 a.m.	Stan Shull	Keynote speaker: Space to Grow
10:30 – 11 a.m.	Morning Break	
11 – 11:30 a.m.	Khaki Rodway	Dawn Aerospace: Next Generation of Suborbital Vehicles
11:30 a.m. – 12 p.m.	TBD	TBD
12 – 1:30 p.m.	Lunch Buffet	
1:30 – 1:40 p.m.	Kara Woodruff	Remarks from Senator Laird's Office
1:40 – 2:20 p.m.	Bill Britton/Kurt Colvin/ Paul Sloan	Paso Robles Spaceport Vision, Educational Programs and Opportunities
2:20 – 2:50 p.m.	Todd Smith	MLT Research Case Study
2:50 – 3:10 p.m.	Dianne DeTurris	Engaging Students in Space Technology Research
3:10 – 3:40 p.m.	Dennis Derickson	Space IoT Research Case Study
3:40 – 3:50 p.m.	Afternoon Break	
3:50 – 4:20 p.m.	Evan Johnston (moderator)	Panel: Local Community STEM Showcase and Spaceport Interest Panelists: Grant Acevedo, Kyle Dart, Anthony Williams
4:20 – 4:30 p.m.	Dustin DeBrum	Reflections and Summary for the Day
4:30 – 6 p.m.	Happy Hour Wine Reception (Sponsored by JUSTIN)	

THIS WORK IS SUPPORTED BY

the U.S. National Science Foundation under Award No. 2432335



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Friday, February 28, 2025

7:30 – 8:30 a.m.	Breakfast Bar	
8:30 – 8:50 a.m.	Jamey Jacob	From the Ground Up to Middle-Out: Drones and Balloons for Assistive Suborbital Observations
8:50 – 9:10 a.m.	Jess Bleakley	PolySat Program
9:10 – 9:20 a.m.	Henry Danielson/ Isaac Rudnick	Cal Poly AMSAT Project
9:20 – 9:40 a.m.	Mark Scandalis	Paso Robles Air and Spaceport Licensing Update
9:40 – 10 a.m.	Cheree Kiernan ILS	Understanding Spaceport, Vehicle, and Payload Licensing
10 – 10:20 a.m.	Morning Break / Panel Setup	
10:20 – 11 a.m.	Paul Sloan (moderator)	Panel: Bridging The Gap: Collaboration between Industry, Academia and Government for Spaceport Operations. Panelists: Robert Meyer (ETP), David Sanchez (Streamline Aerospace), Bob Crockett (Cal Poly), Mike Mierau (Premiere Valley Bank)
11 – 11:30 a.m.	Dustin DeBrum	Workshop Closure and Next Steps Informal Discussion - Open to All
11:30 a.m. – 1 p.m.	Boxed Lunches	

**VISIT CONFERENCE
WEBPAGE:**

