



H₂-Aero Symposium & SAE AE-5H Face-to-Face Meeting at AIAA Aviation Forum

in collaboration with the AIAA Sustainability Group

H₂-Aero

5th Annual H₂-Aero at the AIAA Aviation Forum & SAE AE-5H June 9-11, 2026, San Diego, CA

AIAA Day 2- Tues Jun 9- Room: Mission Beach A/B		AIAA Day 3 - Wed Jun 10- Room: Mission Beach A/B		AIAA Day 4 - Wed Jun 11 Room: Hyatt Harbor Ballroom	
0900-0930	Networking Break	Networking Break	SAE AE-5H HYDROGEN AIRPORT COMMITTEE F2F MEETING (Free- in Manchester Grand Hyatt Harbor Ballroom)		
	H2-Aero-01 / Plenary, Jesse Schneider, H2-Aero Chair	H2-Aero-04 / SUST-08, Phillip Ansell U of Ill,Marko Bacic, Rolls-Royce	SAE Introductions-Jesse Schneider		
0930-0950	H2-Aero Mission:Decarbonize Aviation, Airports Whitepaper Jesse Schneider, CEO, ZEV Station (H2-Aero Symposium Chair)	How & when might cryogenics win for aviation Hervé Morvan, Chief of Future Platforms, Rolls-Royce	SAE AE-5H Face-to-Face LH2/GH2 Coupling Workshop		
0950-1010	Fuel Cell Powertrains & Liquid Hydrogen Fueling Val Miftakhov, CEO, ZeroAvia	Analysis of Alternative Energy Carriers for Aviation Dominic L Barone, Manager Alternative Energy Tech.	SAE AIR8547: LH2 Fueling Fueling Performance Safety		
1010-1030	Hydrogen Business Jet using GH2 Infrastructure Eloa Guillotin, CEO, Beyond Aero	Cryogenic Fuel Aviation - Challenges and Opportunities Vadim F Lvovich,H2 Aircraft Technology Lead, NASA	HAZID: Safety Guidance-LH2 Fueling, Nodes 1-3		
1030-1050	UK CAA Hydrogen-Aerospace Roadmap Helen Leadbetter Zero Emissions Flight Lead	Aircraft H2 System Cryogenic Aspects - Tank to Consumer Thierry Sibilli, H2 Fuel System Lead at Airbus	HAZID: Safety Guidance Liquid Hydrogen Storage (Linda Brussaard EASA)		
1050-1110	EASA Hydrogen-Aerospace Roadmap Dr. Linda Brussaard H2 Technologies & New Electrical Systems	Rolls-Royce's H2 Technology Demonstrator Shaping the Future of Sustainable, Zero Emission Aviation J Newman, Zero Emissions Manager, Rolls Royce	Fueling & Safety Considerations LH2 Tank Node 4 Wrap Up LH2 SAE AIR8547 HAZID		
1110-1130	The path to Hydrogen-Aviation Certification H2-Aero Panel, Moderated by Jesse Schneider ZEV Station	Hydrogen's Flight Path: Market Realities: Embraer's Roadmap & strategy to enable zero-emission flight Vinicius Di Nucci, Head of Zero Emissions - EMBRAER	Safety & Interoperability to SAE AIR8999 LH2 Fueling		
1130 - 1300	Lunch Break	Lunch Break	Lunch Break		
	H2-Aero-02 / SUST-05, Harry Smith, Flexcompute	H2-Aero-05 / SUST-10, Hervé Morvan, Rolls-Royce & Dominic Barone, Boeing	SAE AIR8547: LH2 Aircraft Fueling Safety & Performance		
1300-1320	A Learning-Based Approach to Stakeholder Decision-Making in Transition Toward Net-Zero Aviation Ilias Baali, Georgia Institute of Technology	Design Optimization of Long-Haul Blended Wing Aircraft, Conformal Cryogenic Hydrogen Storage Prateek Ranjan, MIT Dept. of Aeronautics	Coupling: SAE AIR8999 Overview, Status- (Andrew Bookhold-JOBY, Zuhir Mir)		
1320-1340	Evaluating Stakeholder Economics in Zero-Impact Aviation: Cost Modeling Under Divergent Scenarios Noa Hanna Levy,Georgia Institute of Technology	H2 stands for Hard 2-phase flows: Physics lessons for multiphase hydrogen systems Jacob W Leachman, Professor, HYPER Center Director Washington State University	LH2 Couplings Technology Overview		
1340-1400	Commercial aircraft life cycle resource, and capital economic estimation using a common scenario Elias Waddington, University of Illinois	On hydrogen gas turbines for civil aerospace - Fuel and Control System perspective Marko Bacic, Engineering Fellow, Rolls-Royce	2026 Performance Simulation & Testing Effort (Albert Gil Esmendia, UCI) 100kg (Small Aircraft) & 2000kg (Regional)		
1400-1420	Development of an airline simulation platform, SkyChess facilitates airline CO2 emissions tracking Paul Clark, City University London	Hydrogen Hybrid Power Architectures for Aviation Sustainable Systems Rohit Gupta, Research Scientist at Center for Sustainable Aviation, University of Illinois	LH2 Fueling & Coupling Status (Paul Lange Lufthansa Technik)		
1420-1440	Proposed Infrastructure for the Production and Supply of Aircraft With Green Hydrogen Marcus Vinicius VB Bernardes Ferreira, U. Federal Uberlândia	Multi-fuel combustion - enabling transition to H2 in aviation. Simon Evans, Mng. of Adv. Concepts, Pratt & Whitney	2 Phase Limitation Considerations- (Jacob Leachman WSU)		
1440-1500	Reusable Rockets and Sustainability: Integrating Hybrid Recovery Systems for Greener Launch Future VR Sanal Kumar, Indian Space Research Organisation	Hydrogen Aircraft LH2 to Propulsion-Development needs H2-Aero Panel, Moderated by Dominic Barone, Boeing	SAE AIR8833: Gaseous Hydrogen Fueling (Irwin, Julien Beyond Aero)		
1500 - 1530	Afternoon Break	Afternoon Break	Afternoon Break		
	H2-Aero-03 / Monterey Gardiner, NLR	H2-Aero-06 / Jesse Schneider, H2-Aero Chair	SAE AE-5H		
1530-1550	Enabling the Cryogenic Airliner: A Commercialization Roadmap Romar Frazier, Head of Propulsion & Karmel Graham, Sust. Strategy JetZero	Liquid Hydrogen Fueling Coupling for Land/Air/ Sea Gerhard Kopplin, Technical Director, Manntek	Gaseous Hydrogen Gaps Analysis		
1550-1610	Aviation Hydrogen Fuel Cell Powerplants Dr. Anita Sengupta, CEO, Hydroplane	Hydrogen Airport Standardization with SAE & EUROCAE Jesse Schneider, CEO/CTO ZEV Station (Chair SAE AE-5H)	GH2 Simulation/ Quotation		
1610-1630	H2 VTOL Gyroplane Drone Gad Shaanan, CEO, Unmanned Aerospace	Advances in Carbon Fiber LH2 Storage Paul Gloyer, President, Gloyer-Taylor Laboratories (GTL)	GH2 Simulation Roadmap to Standardization		
1630-1650	NLR Hydrogen Test & Validation Facilities Dr. Monterey Gardiner, Chief Engineer, Nat. Lab of the Rockies	LH2 Aircraft Fueling Development Archie West, LH2 Management Systems Engineer, ZeroAvia	SAE AE-5H To Do Assignments		
1650-1710	Hydrogen Aircraft Development Challenges H2-Aero Panel, Moderated by Monterey Gardiner (NLR)	LH2 Simulation & Validation in with SAE AIR8546 Dr. Albert Gil Esmendia, National FC Center, UC Irvine	SAE AE-5H Meeting End		
1710-1730		Making the Standard Liquid Hydrogen for Aerospace H2-Aero Panel,Moderated by Jesse Schneider (ZEV Station)	SAE AE-5H: Manchester Hyatt-Harbor Ballroom		

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ALSO, JOIN THE SAE AE-5H SAE HYDROGEN AIRPORT COMMITTEE 6/11/26
MEETING AT THE MANCHESTER GRAND HYATT, [HARBOR BALLROOM \(FREE\)](#)