



Hydrogen for Defense Aviation Application Conference Agenda

09 October 2024

Virginia Tech Hydrogen Research Center
700 Tech Center Pkwy in Newport News, Suite #300

07:30-08:30	Registration & Morning Refreshments
08:30-08:45	Opening Remarks – AUVSI & VFS
08:45-09:15	Army Aviation Electrification Keynote Speaker: David Friedmann, Army Aviation Electrification Lead; Aviation & Missile Center, Army Futures Command
09:15-09:45	Hydrogen Production Using Hydrides Speaker: Noemi Leick, Staff Research Scientist; National Renewable Energy Laboratory
9:45-10:00	Break
10:00-10:30	Dragonfly V - A Modular Hydrogen UAS for Long Endurance Missions Speaker: Mark van Wyk, Co-Founder; Fly H2 Aerospace
10:30-11:00	Power Generation On-Demand w/Methanol as Carrier Speaker: Robert Schluter, Co-Founder & COO; Element 1
11:00-11:45	Hydrogen Production, “Farm to Table” & Transport Demonstration Speaker: Bill Lehner, CSO; Independence Hydrogen
11:45-12:45	Lunch & Networking
12:45-13:15	Operational Energy Perspective on H2 (Propulsion & SAF) Speaker: William Nikonchuk, Tranche Lead; OE-I Aviation, USD(A&S)
13:15-13:45	Ultra-lightweight LH2 Storage for LH2 Powered Aircraft

	Speaker: Paul Gloyer, President; GTL Inc.
13:45-14:15	Expeditionary LH2 Production for SUAS Speaker: Mark Haberbusch, CEO; NEOEx
14:15-14:45	Hybrid TIGR UAS Lessons Learned Speaker: Stearns Heinzen, Senior Research Engineer; U.S. Naval Research Laboratory
14:45-15:00	Break
15:00-15:30	PA-890; H2 Powered Platform for Medical Emergencies Speaker: John Piasecki, President & CEO; Piasecki Aircraft
15:30-16:00	Setting Records; Flying H2 VTOL Speaker: Kevin Antcliff, Senior Government Program Manager; Joby Aviation
16:00-16:30	Sea Cheetah, a vertically integrated hydrogen marine mobility and decentralized fueling infrastructure company Speaker: Serge Markoff, Founder and CEO; Sea Cheetah
16:30-16:40	Closing Remarks & Discussion
16:40-18:30	Evening Social & Networking