

Sustainable Hydrogen Technologies and Additive Manufacturing in Aerospace

THURSDAY, 28 MAY 2026 - HYDROGEN AND SUSTAINABILITY

09:30 - 10:00	<i>Registration</i>	
10:00 - 10:10	Welcome	SINTEF
10:10 - 10:30	Introduction to EASN	Prof. Spiros Pantelakis (University of Patras)
10:30 - 11:00	Design of aircraft structures for holistic sustainability	Prof. Angelos Filippatos (University of Patras)
11:00 - 11:30	On the prospects of SAF by catalytic membrane reactors, possibilities and challenges	Dr. Einar Vøllestad (SINTEF)
11:30 - 12:30	<i>Lunch break</i>	
12:30 - 13:00	PEMFCs for aviation: recent developments & challenges	Dr. Katie McCay (SINTEF)
13:00 - 13:30	Techno-economic analysis of hydrogen value chains for fuel cell applications in airport ground support equipment	Dr. Daniel Perez Clos (SINTEF)
13:30 - 14:30	Discussion & concluding remarks	
14:30 - 15:30	SINTEF Lab Tour	

FRIDAY, 29 MAY 2026 - ADDITIVE MANUFACTURING CHALLENGES IN AEROSPACE

In collaboration with the AM2C3 Twinning Project, coordinated by the University of Cyprus

09:30 - 10:00	<i>Registration</i>	
10:00 - 10:10	Welcome	SINTEF
10:10 - 10:30	Introduction to AM2C3	Prof. Theodora Kyratsi (University of Cyprus)
10:30 - 11:00	Advancing Metal Additive Manufacturing for Space Applications: Building Capacity through AM2C3	Dr. Angelos Evangelou (University of Cyprus)
11:00 - 11:30	Additive manufacturing challenges in Aeronautics	Dr. Paris Keramidas (Parker, UK)
11:30 - 12:30	<i>Lunch break</i>	
12:30 - 13:00	Microstructural features in metal additive manufacturing	Dr. Spyros Diplas (SINTEF)
13:00 - 14:00	Discussion & concluding remarks	
14:00 - 15:00	SINTEF Lab Tour	