

16th EASN International Conference on
Innovation in Aviation & Space towards sustainability today and tomorrow

Agenda Overview

DAY 1 | 27.10.2026

08:30 - 16:00	Registration									
ROOM	Lecture Hall 1									
09:00 - 09:15	Conference Opening & Welcome Addresses									
09:15 - 09:45	KEYNOTE SPEECH <i>EXAELIA: pioneering European flying testbeds bed to drastically cut long-range flights' climate impact by 2050</i> by Mr. Marlin Nagelsmit Netherlands Aerospace Center (NLR)									
Chaired by	TBC Conference co-Chairman									
09:45 - 09:55	Signature of MoU between EUROAVIA and EASN Association									
09:55 - 10:55	DISCUSSION PANEL <i>Integrating Start-Ups in the European Aerospace Sector and Exploiting them to Enhance Europe's Economy</i> Dr. Marcello Amato EREA, Mr. Andreas Boschen SESAR JU, Mr. Bruno Darboux Airbus & Aerospace-Valley, Mr. Axel Krein Clean Aviation JU									
Panelists	Prof. Maria Angeles Marlin Prats University of Seville, Spain									
Moderated by										
10:55 - 11:25	Coffee Break									
11:25 - 13:25	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	Experimental Aircraft for European Leadership in Aviation (EXAELIA Project) PART I	Innovation in UAVs: Design, Optimization, Flight Testing and Emerging Technologies PART I	Novel Propulsion Architectures PART I	Hydrogen & Energy Storage PART I	Impact of very fast events and hazards on the sustainability of aerospace structures	Data-Driven Engineering Design for Aerospace Manufacturing and Systems PART I	Certification & Regulatory Frameworks in Aviation	Sustainability and circularity in the design process in aviation	Air Traffic Management (ATM) and Airports Subjects PART I	
Session Chair	Mr. Johan Kos (Netherlands Aerospace Center (NLR), Netherlands)	Prof. Kyros Yakinthos (Aristotle University of Thessaloniki, Greece)	Dr. Ralf von der Bank (Rolls-Royce Deutschland Ltd & Co KG, Germany)	TBC	Prof. Christine Epiphoso (ISAE-SUPAERO, France) Prof. Alain Merlien (Ulle University, France) & Prof. Michel Arligoni (ENSTA/IRD, France)	Prof. Timoleon Kipourou (Cardiff University, UK) & Prof. Ola Isaksson (Chalmers University of Technology, Sweden)	Prof. Joël Jézégou (ISAE-SUPAERO, France)	Prof. Angelos Filippatos (University of Patras, Greece) & Ms. Ligeia Paleffé (German Aerospace Center (DLR), Germany)	Prof. Octavian Thor Pieter (University Politehnica of Bucharest, Romania)	
13:25 - 14:30	Lunch Break									
14:30 - 16:30	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	Experimental Aircraft for European Leadership in Aviation (EXAELIA Project) PART II	Innovation in UAVs: Design, Optimization, Flight Testing and Emerging Technologies PART II	Novel Propulsion Architectures PART II	Hydrogen & Energy Storage PART II	Advanced Technologies for Adaptive, Connected and Resilient Satellite Systems	Data-Driven Engineering Design for Aerospace Manufacturing and Systems PART II	CONCERTO: From Concept to Certification: Overcoming Technical and Regulatory Challenges in Aviation	LCA and LCE in Aviation	Air Traffic Management (ATM) and Airports Subjects PART II	
Session Chair	Mr. Johan Kos (Netherlands Aerospace Center (NLR), Netherlands)	Prof. Kyros Yakinthos (Aristotle University of Thessaloniki, Greece)	Dr. Ralf von der Bank (Rolls-Royce Deutschland Ltd & Co KG, Germany)	TBC	Prof. Ernestina Cianca & Prof. Ernesto Limoli (University of Roma "Tor Vergata", Italy)	Prof. Timoleon Kipourou (Cardiff University, UK) & Prof. Ola Isaksson (Chalmers University of Technology, Sweden)	Mr. Charles Blondel De Joigny (Dassault Aviation, France)	Ms. Ligeia Paleffé (German Aerospace Center (DLR), Germany) & Ms. Daniel Kan (Netherlands Aerospace Center (NLR), Netherlands)	Prof. Octavian Thor Pieter (University Politehnica of Bucharest, Romania)	
16:30 - 17:30	Poster Session Tour #1									
17:30 - 19:30	Students & Young Researchers Networking Event									
End of the 1st Day										

DAY 2 | 28.10.2026

08:30 - 17:30	Registration									
ROOM	Lecture Hall 1									
09:30 - 10:00	KEYNOTE SPEECH <i>Challenges for the future of avionics</i> by Dr. Denis Bonnet Thales Group									
Chaired by	TBC Conference co-Chairman									
10:00 - 10:30	Coffee Break									
10:30 - 12:30	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	ecodesIGN and Life Cycle Assessment for Hybrid Electric Aircraft PART I	Innovation in UAVs: Design, Optimization, Flight Testing and Emerging Technologies PART III	Innovations in Aerospace Propulsion Systems PART I	Aviation's CO2 and non-CO2 emission. Assessing measuring, predicting, and mitigating Impact	Space Robotics – Current and Future Trends in Research and Development	Data-Driven Engineering Design for Aerospace Manufacturing and Systems PART III	Sustainable Smart Composites: Cutting-edge Materials and Innovative Manufacturing Processes	Impact Assessment Studies in Aviation R&E & Systematic Approach to Evaluating Technological and Operational Innovations	Air Traffic Management (ATM) and Airports Subjects PART III	
Session Chair	Dr. Thomas Reichert & Mr. Peter Brantke (Fraunhofer-Gesellschaft, Germany)	Prof. Pericles Panagiotou (Aristotle University of Thessaloniki, Greece)	Dr. Christos Mourouzidis (Cranfield University, UK)	Mr. Georgios Bampanis (European Climate, Infrastructure and Environment Executive Agency -CINEA)	Mr. Jonas Eisenmenger & Dr. Wiebke Brinkmann (DFK GmbH, Germany)	Prof. Timoleon Kipourou (Cranfield University, UK) & Prof. Ola Isaksson (Chalmers University of Technology, Sweden)	Prof. Raffaele Guadagno & Dr. Raffaele Longo (University of Salerno, Italy)	Mr. Patrick Rabel & Mr. Prajwal Prakash (German Aerospace Center (DLR), Germany)	Prof. Octavian Thor Pieter (University Politehnica of Bucharest, Romania)	
12:30 - 13:30	Lunch Break									
13:30 - 15:30	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	ecodesIGN and Life Cycle Assessment for Hybrid Electric Aircraft PART II	Innovation in UAVs: Design, Optimization, Flight Testing and Emerging Technologies PART IV	Innovations in Aerospace Propulsion Systems PART II	Digitalization of Manufacturing, sustainable manufacturing, multifunctional structure and MRO PART I	Circular Economy in Space	Data-Driven Engineering Design for Aerospace Manufacturing and Systems PART IV	Innovative Electroactive Morphing for disruptive and sustainable wing design	Hybrid Electric Regional Fuselage & Empennages PART I	Air Traffic Management (ATM) and Airports Subjects PART IV	
Session Chair	Dr. Thomas Reichert & Mr. Peter Brantke (Fraunhofer-Gesellschaft, Germany)	Prof. Pericles Panagiotou (Aristotle University of Thessaloniki, Greece)	Dr. Christos Mourouzidis (Cranfield University, UK)	Mr. Georgios Bampanis (European Climate, Infrastructure and Environment Executive Agency -CINEA)	Dr. Kai Lindow (Fraunhofer IPK, Germany) & Prof. Miguel Olivares-Mendez (University of Luxembourg, Luxembourg)	Prof. Timoleon Kipourou (Cranfield University, UK) & Prof. Ola Isaksson (Chalmers University of Technology, Sweden)	Dr. Marianna Braza (CNRS, France)	Mr. Fabrizio Leone (LEONARDO, Italy)	Prof. Octavian Thor Pieter (University Politehnica of Bucharest, Romania)	
15:30 - 16:00	Coffee Break									
16:00 - 18:00	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	FACELIFT project: Innovative fluidic actuators to improve stealth and maneuverability of military aircraft	Innovation in UAVs: Design, Optimization, Flight Testing and Emerging Technologies PART V	Innovations in Aerospace Propulsion Systems PART III	Digitalization of Manufacturing, sustainable manufacturing, multifunctional structure and MRO PART II	Space Technologies & Applications	Digital Engineering for Aerospace Systems PART I	Are we ready to design for sustainability?	Hybrid Electric Regional Fuselage & Empennages PART II	FAME Project	
Session Chair	Mr. Jenei Drotlenki (EpiSteel Aircraft, Slovenia) & Mr. David Ferris (Cedrat Technologies, France)	Prof. Pericles Panagiotou (Aristotle University of Thessaloniki, Greece)	Dr. Christos Mourouzidis (Cranfield University, UK)	Mr. Georgios Bampanis (European Climate, Infrastructure and Environment Executive Agency -CINEA)	Prof. Gustavo Alonso (Universidad Politécnica de Madrid, Spain)	Dr. Carlos Cabaleiro de la Hoz & Mr. Francesco Tordella (German Aerospace Center (DLR), Germany)	Prof. Ola Isaksson, Prof. Sophie Hallédeli (Chalmers University of Technology, Sweden) & Prof. Timoleon Kipourou (Cranfield University, UK)	Mr. Fabrizio Leone (LEONARDO, Italy)	Dr. Dirk Kaspell (Airbus, Germany)	
20:00	EASN Cocktail Dinner									
End of the 2nd Day										

DAY 3 | 29.10.2026

08:30 - 18:00	Registration									
ROOM	Lecture Hall 1									
09:00 - 09:30	KEYNOTE SPEECH <i>Architecting the Future: ESRE's Vision for Technological Sovereignty in the Next European Space Era</i> by Dr. Catalin Nae ESRE									
Chaired by	TBC Conference co-Chairman									
09:30 - 10:30	DISCUSSION PANEL <i>The long route to gender equality in Aerospace: status, challenges, obstacles, and the way forward</i> Ms. Bárbara Carmelo ISAE-SUPAERO, Dr. Nathalie Duquesne Liebherr-Aerospace Toulouse, Ms. Marline Sainte-Marie Elles Bougent Association, TBD Affiliation									
Panelists										
Moderated by	Ms. Giola Venturini SAFRAN Group, France									
10:30 - 11:00	Coffee Break									
11:00 - 13:00	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	Novel Rejected Heat-to-Thrust Recuperation System for Fuel Cell-Electric Aircraft (eXcan Project)	Advances in Hybrid-, Cryo and More Electric Aircraft Technologies for Ultra Efficient Flight PART I	Thermal Management PART I	Gaseous and Liquid Hydrogen storage and refuelling for aviation	Energy and Fuels: Radical approaches towards 100% renewable energy and climate neutrality	Digital Engineering for Aerospace Systems PART II	Additive Manufacturing PART I	Transforming CS-23 Aviation: Rying Testbeds, Sustainable Propulsion and Regional Air Mobility Concepts	Towards New Algorithms for Multidisciplinary Design Optimization (MDO) PART I	
Session Chair	Dr. Belén García-Blanco (CIETEC, Basque Research and Technology Alliance (BRTA), Spain)	Dr. Andreas Battenberg (Fraunhofer, Germany)	Mr. Guillaume Bourelly (Honeywell, Czech Republic)	Mr. Georgios Bampas (European Climate, Infrastructure and Environment Executive Agency -CINEA)	Dr. Andreas Simann (Bauhaus Luftfahrt, Germany)	Dr. Carlos Cabaletro de la Hoz & Mr. Francesco Torrigiani (German Aerospace Center (DLR), Germany)	Prof. Teresa Morgado (Polytechnic University of Lisbon, Portugal)	Dr. Sebastian Spitzer (TU Dresden, Germany)	Prof. Joseph Morlier (ISAE-SUPAERO, France) & Prof. Nathalie Barfoll (ONERA, France)	
13:00 - 14:00	Lunch Break									
14:00 - 16:00	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	Liquid Hydrogen Technologies for Sustainable and Climate-Neutral Aviation (H2ELIOS Project)	Advances in Hybrid-, Cryo and More Electric Aircraft Technologies for Ultra Efficient Flight PART II	Thermal Management PART II	State of the art for H2-air combustion & SOFC- Dynamic panel discussion	Innovative and multi-disciplinary aircraft design for emissions reduction PART I	Digital Engineering for Aerospace Systems PART III	Additive Manufacturing PART II	Impact Assessment in Aviation PART I	Towards New Algorithms for Multidisciplinary Design Optimization (MDO) PART II	
Session Chair	Ms. Emma Celeste Lope Retuerto (Achluri, Spain)	Mr. Florian Hilpert (Fraunhofer, Germany)	Mr. Guillaume Bourelly (Honeywell, Czech Republic)	Mr. Georgios Bampas (European Climate, Infrastructure and Environment Executive Agency -CINEA)	Prof. Emmanuel Benard (ISAE-SUPAERO, France)	Dr. Carlos Cabaletro de la Hoz & Mr. Francesco Torrigiani (German Aerospace Center (DLR), Germany)	Prof. Teresa Morgado (Polytechnic University of Lisbon, Portugal)	Dr. Jordi Pons Prats (Polytechnic University of Catalonia, Spain)	Prof. Joseph Morlier (ISAE-SUPAERO, France) & Prof. Nathalie Barfoll (ONERA, France)	
16:00 - 17:00	Coffee Break & Poster Session Tour #2									
17:00 - 19:00	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117	05-053	05-059	
Session Title	HERWINGT Demos: Development Challenges and Solutions	Advances in Hybrid-, Cryo and More Electric Aircraft Technologies for Ultra Efficient Flight PART III	Thermal Management PART III	Sustainable Aviation Propulsion	Innovative and multi-disciplinary aircraft design for emissions reduction PART II	Digital Engineering for Aerospace Systems PART IV	Smart Materials & Structures	Impact Assessment in Aviation PART II	Multidisciplinary Design Optimization of Aircraft Structures	
Session Chair	Mr. Sebastián Pellicer Sotomayor (Airbus Defence and Space)	Mr. Florian Hilpert (Fraunhofer, Germany)	Mr. Guillaume Bourelly (Honeywell, Czech Republic)	Dr. Anne Seitz (Bauhaus Luftfahrt, Germany)	Prof. Andreas Strohmayr (University of Stuttgart, Germany)	Dr. Carlos Cabaletro de la Hoz & Mr. Francesco Torrigiani (German Aerospace Center (DLR), Germany)	TBC	Dr. Jordi Pons Prats (Polytechnic University of Catalonia, Spain)	TBC	
End of the 3rd Day										

DAY 4 | 30.10.2026

08:30 - 12:00	Registration						
ROOM	Lecture Hall 1						
09:30 - 10:00	KEYNOTE SPEECH <i>Technical Considerations for Propulsion Systems of Future European Launchers</i> by Prof. Francesco Nasuti University of Rome & Air and Space Academy						
Chaired by	TBC Conference co-Chairman						
10:00 - 10:30	Coffee Break						
10:30 - 12:30	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117
Session Title	Understanding hydrogen-air combustion in aeroengines (HESTIA Final Event)	Next Generation Efficient Airframe Production: Materials, Automation and Lightweight Design	Thermal Management PART IV	Navigation and Control Onboard Systems	Innovative and multi-disciplinary aircraft design for emissions reduction PART III	Aircraft Operability: from design to operational performance PART I	Aerodynamic/ Aeroelastic Analysis PART I
Session Chair	Mr. Marc Truscelli (SAFRAN Group, France)	Dr. Andreas Battenberg (Fraunhofer, Germany)	Prof. Michael Weigand (TU Wien, Austria)	Prof. Cezary Szczepanski (Warsaw Institute of Aviation, Poland)	Prof. Emmanuel Benard (ISAE-SUPAERO, France)	Prof. Joël Jézégou (ISAE-SUPAERO, France)	TBC
12:30 - 13:30	Lunch Break						
13:30 - 15:30	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	05-108	05-112	05-114	05-117
Session Title	Maintenance, Repair & Overhaul (MRO)	Testing & Simulation based analysis of aircraft structures	Thermal Management PART V	Aviation in Transition: Bridging Engineering, Operations and Policy	Innovative and multi-disciplinary aircraft design for emissions reduction PART IV	Aircraft Operability: from design to operational performance PART II	Aerodynamic/ Aeroelastic Analysis PART II
Session Chair	TBC	TBC	Prof. Michael Weigand (TU Wien, Austria)	Mr. Laurent Joly (ISAE-SUPAERO, France)	Prof. Andreas Stohmayer (University of Stuttgart, Germany)	Prof. Joël Jézégou (ISAE-SUPAERO, France)	TBC
ROOM	Lecture Hall 1						
16:00 - 16:30	Concluding Remarks, Best Poster Award Announcement & Conference Closing						
End of the 16th EASN International Conference							