

13th EASN International Conference on
Innovation in Aviation & Space for opening New Horizons

Final Agenda at a Glance

08:00 - 17:30	Registration							
ROOM	Aula delle lauree							
9:00 - 9:15	Welcome by the Conference Chairpersons & the Rector of the University of Salerno, Prof. Vincenzo Lola							
9:15 - 9:45	Sustainability and Digitalisation: the paradigms for a new era of aeronautics Keynote Speech by Dr. Marco Protti Vice President of Advanced Research, LEONARDO							
Chaired by	Prof. S. Pantelakis EASN Honorary Chairman							
9:45 - 10:15	Clean Aviation: the ticket to zero-emission flight Keynote Speech by Mr. Axel Krein Executive Director, Clean Aviation Joint Undertaking							
Chaired by	Prof. A. Strohmayr EASN Chairman							
10:15 - 10:45	Coffee Break							
10:45 - 12:45	Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102
Session Title	Propelling the future with efficiency and sustainability: The promise of Distributed Electrical Propulsion for a New Era of Aviation (Part I)	Key enabling technologies for drone based multi-agent systems (Part I)	Project session: MINIMAL	Advanced Manufacturing Technology for Aeronautics (Part I)	Air Traffic Management (ATM) and Airports (Part I)	Aerodynamic Analysis & Design (Part I)	Polymeric Composites and Processes for primary and secondary aircraft structures (Part I)	New drivetrain solutions for rotorcraft and climate-friendly aircraft
Session Chair	Ms. Sonell Shroff (Clean Aviation JU)	Dr. Ricardo Reis (Embraer), Dr. Raj Thilak Rajan (TU Delft), Dr. Morten Larsen (AnyWi Technologies)	Dr. Carlos Xisto (Chalmers University)	Dr. Jie Zhao (University of Strathclyde)	Prof. Octavian Pieter (University Politehnica of Bucharest)	Prof. Jerzy Zoltak (ILOT)	Prof. Roberto Pantani & Prof. Liberato Guadagno (University of Salerno)	Prof. Michael Weigand (TU Wien)
12:45 - 14:00	Lunch Break							
ROOM	Aula delle lauree							
14:00 - 14:30	Bridging research and operations in ATM: The MUAC success stories Keynote Speech by Mr. John Santurbano Director, Maastricht Upper Area Control Centre (MUAC)							
Chaired by	Prof. Liberato Guadagno EASN NCP Member							
14:40 - 16:40	Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102
Session Title	Propelling the future with efficiency and sustainability: The promise of Distributed Electrical Propulsion for a New Era of Aviation (Part II)	Key enabling technologies for drone based multi-agent systems (Part II)	Hydrogen in Aviation	Advanced Manufacturing Technology for Aeronautics (Part II)	Air Traffic Management (ATM) and Airports (Part II)	Aerodynamic Analysis & Design (Part II)	Polymeric Composites and Processes for primary and secondary aircraft structures (Part II)	Aircraft Engine Advanced Design
Session Chair	Ms. Sonell Shroff (Clean Aviation JU)	Dr. Ricardo Reis (Embraer), Dr. Raj Thilak Rajan (TU Delft), Dr. Morten Larsen (AnyWi Technologies)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Dr. Jie Zhao (University of Strathclyde)	Prof. Octavian Pieter (University Politehnica of Bucharest)	Prof. Jerzy Zoltak (ILOT)	Prof. Roberto Pantani & Prof. Liberato Guadagno (University of Salerno)	Dr Christos Mourouzidis (Cranfield University)
16:40 - 17:00	Coffee Break							
17:00 - 19:00	Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102
Session Title	Scaled Flight Testing	Life cycle assessment in Aviation	Sustainable UAM concepts	Advanced Manufacturing Technology for Aeronautics (Part III)		Aerodynamic Analysis & Design (Part III)	Polymeric Composites and Processes for primary and secondary aircraft structures (Part III)	
Session Chair	Prof. Andreas Strohmayr (University of Stuttgart)	Ms. Igelia Paletti (NLR)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Dr. Jie Zhao (University of Strathclyde)		Prof. Jerzy Zoltak (ILOT)	Prof. Roberto Pantani & Prof. Liberato Guadagno (University of Salerno)	
End of the 1st Day								

End of the 1st Day

DAY 2 | 06.09.2023

08:30 - 17:00		Registration							
ROOM		Aula delle lauree							
9:00 9:30		Delivering the Digital European Sky Keynote Speech by Mr. Andreas Boschen Executive Director, SESAR 3 Joint Undertaking							
Chaired by		Prof. A. Strohmayr EASN Chairman							
9:30 10:00		Towards decarbonisation of bizjets and digital certification of disruptive technologies? Keynote Speech by Mr. Pascal Plot Head of EU & International Cooperation for R&T programs department, DASSAULT AVIATION							
Chaired by		Prof. S. Pantelakis EASN Honorary Chairman							
10:00 - 10:30		Coffee Break							
10:30 - 12:30		Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102
Session Title	Certification aspects in Clean Aviation	Project Session: GENESIS	Local Air Quality, Noise, Green Airports (Part I)	ecoDESIGN and Engineering for Sustainability (Part I)	Systems / Prognostics / Safety (Part I)	Aerodynamic Analysis & Design (Part IV)	Space Technologies (Part I)	Aircraft Design	
Session Chair	Mr. Charles Blondel de Joigny (Dassault Aviation)	Prof. Fabrizio Nicolosi (University of Naples "Federico II") & Ms. Sonell Ströhl (Clean Aviation JU)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Mr. Rainer Schweppe (Fraunhofer ICT)	Prof. Matteo Dalla Vedova (Politecnico di Torino)	Prof. Jerzy Zoltak (ILOT)	Dr. Athanasios Dafnis (RWTH Aachen)	Prof. Massimo Viscardi (University of Naples "Federico II")	
12:30 - 13:45		Lunch Break							
13:45 - 15:45		Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102
Session Title	Ultra-Efficient Short and Medium Range (SMR) aircraft	Hybrid Electric Flight (Part I)	Local Air Quality, Noise, Green Airports (Part II)	ecoDESIGN and Engineering for Sustainability (Part II)	Systems / Prognostics / Safety (Part II)	Smart-UAM in smart-city integrated environment	Space Technologies (Part II)	Artificial Intelligence in Air Traffic Management	
Session Chair	Mr. Xavier Hue (AIRBUS)	Prof. Andreas Strohmayr (University of Stuttgart)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Mr. Rainer Schweppe (Fraunhofer ICT)	Prof. Matteo Dalla Vedova (Politecnico di Torino)	Mr. Bartosz Dziugiel (ILOT)	Dr. Athanasios Dafnis (RWTH Aachen)	Prof. Javier Perez Castan (Universidad Politécnica de Madrid)	
15:45 - 16:00		Coffee Break							
16:00 - 18:00		Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102
Session Title	Hydrogen Powered Aircraft	Hybrid Electric Flight (Part II)	UAS Safety	Multi-material design and integration of new functionalities	From Sensors to Systems	Clean Sky 2 T-WING Project: towards the first flight	Project Session: OAPES	CFRP Bonded Repair/Certification of Bonding	
Session Chair	Dr. Jean-François Brouckaert (Clean Aviation JU)	Prof. Andreas Strohmayr (University of Stuttgart)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Prof. Angelos Filippatos (University of Patras)	Prof. Cezary Szczepański (ILOT)	Ms. Marika Belardo (CIRA)	Prof. Gustavo Alonso (Universidad Politécnica de Madrid)	Ms. Noelia González Castro (AIMEN)	
20:00		Conference Dinner							
End of the 2nd Day									

End of the 2nd Day

DAY 3 | 07.09.2023

08:30 - 10:30	Registration								
ROOM	Aula delle lauree								
9:00 - 9:30	EU Space Research and Innovation 2.0 - Preparing (for) the Future Space Ecosystem Keynote Speech by Mr. Daniel Nölke Strategy for EU Space Research and Innovation, DG DEFIS								
Chaired by	Prof. S. Pantelakis EASN Honorary Chairman								
9:30 - 10:00	Space Structures: the role of new materials and innovative structures Keynote Speech by Dr. Stefania Cantoni Department Head, Large Ground Testing Facilities, Demonstrators and Prototyping, CIRA								
Chaired by	Prof. Liberata Guadagno EASN NCP Member								
10:00 - 10:40	Coffee Break								
10:40 - 12:20	Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102	Room ICARO
Session Title	Project session: HERWINGT	Hybrid Electric Flight (Part III)	Digitalization of Manufacturing, sustainable manufacturing and MRO (Part I)	Human Systems Integration in the design of future Aviation and Space systems: addressing Human-AI Teaming (Part I)	European Policy Actions in the field of Aviation	Aircraft Testing (Part I)	Space Technologies (Part III)	Exploring new approaches for Safe and Secure Systems in Aviation and Space	Innovative electrical devices for New Horizons in Aviation and Space: from materials to application
Session Chair	Mr. Antonio Hernandez (Airbus D&S)	Prof. Andreas Strohmayr (University of Stuttgart)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Dr. Ricardo Reis (Embraer)	Dr. Dietrich Knörzer (former Senior Officer, Aviation Unit, DG Research & Innovation, European Commission)	Prof. Ivo Jebacek (Brno University of Technology)	Dr. Athanasios Dafnis (RWTH Aachen)	Dr. Angela Vozella (CIRA)	Prof. Patrizia Lamberfi & Dr. Monica La Mura (University of Salerno)
12:30 - 13:45	Lunch Break								
ROOM	Aula delle lauree								
14:00 - 14:30	Enabling technologies for lunar exploration Keynote Speech by Prof. Sabine Klinkner Chair of Satellite Technology, Institute of Space Systems, University of Stuttgart								
Chaired by	Prof. A. Strohmayr EASN Chairman								
14:40 - 16:40	Aula delle lauree	Room D	Room E	Room F	Room G	Room N	Room O	Room 102	
Session Title	Small Air Transport (SAT) Technologies	Hybrid Electric Flight (Part IV)	Digitalization of Manufacturing, sustainable manufacturing and MRO (Part II)	Human Systems Integration in the design of future Aviation and Space systems: addressing Human-AI Teaming (Part II)	Aviation Impact Assessment	Aircraft Testing (Part II)	Way of future orbital and planetary robotics	Digital Tools for future Aircraft on the horizon	
Session Chair	Dr. Vittorio Di Vito (CIRA)	Prof. Andreas Strohmayr (University of Stuttgart)	Mr. Hugues Felix (European Climate, Infrastructure and Environment Executive Agency - CINEA)	Dr. Ricardo Reis (Embraer)	Mr. Volker Krajenski (DLR)	Prof. Ivo Jebacek (Brno University of Technology)	Ms. Wiebke Brinkmann (DFKI)	Mr. Andreas Köller (Capgemini)	
ROOM	Aula delle lauree								
17:00 - 17:30	Concluding Remarks & Conference Closing Prof. A. Strohmayr EASN Chairman - Prof. S. Pantelakis EASN Honorary Chairman - Prof. Liberata Guadagno EASN NCP Member								
End of the 3rd Day									

End of the 3rd Day

DAY 4 | 08.09.2023

End of the 13th EASN International Conference