

[Agenda](#)

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Agenda at a glance

7th EASN International Conference on Innovation in European Aeronautics Research

Final Agenda at a Glance

DAY 1 | 26.09.2017

Time	Room	Topic
8:30 - 18:30	Registration	Registration
9:30 - 9:40	AULA	Welcome & Introduction by the Conference Chairmen Prof Zdobyslaw Goraj and Prof Spiros Pantelakis
9:45 - 10:15	AULA	"Opportunities and challenges for research in aeronautics within H2020" Key-Note Speech by Mrs Clara de la Torre Director for Transport, DG Research & Innovation, European Commission
10:20 - 10:50	AULA	"Design & Research Philosophy in the Environment of Global Competition" Key-Note Speech by Dr Marian Lubieniecki Managing Director and Site Leader at GE Engineering Design Center (Institute of Aviation)
10:55 - 11:10	AULA	"Aerospace Europe: strengthening collaboration & knowledge dissemination" Key-Note Speech by Mr Christophe Hermans President of the Council of European Aerospace Societies (CEAS)
11:10 - 11:40	Coffee Break	
11:40 - 12:00	ALPHA 12.3	Support Actions for Coordinating Research in the Field of Aeronautics & Air Transport
12:00 - 12:20	FOXTROT 13.1	Innovative Approaches in AIM / AIC
12:20 - 12:40	BRAVO 1.5	Innovative composite structure in aircraft design
12:40 - 13:00	IKAR 2.3	Aeroelasticity & Unsteady Flows
13:00 - 13:30	AULA 5.1	Innovative Multifunctional Materials for Aeronautics
13:30 - 14:30	CHARLIE 5.3	Structural Aspects in Aircraft Design
14:30 - 15:00	DELTA 1.4	New Trends in Structural Health Monitoring of Aircraft
14:30 - 15:00	PAPA	
15:00 - 15:30	Lunch Break	
15:30 - 15:50	"EREA – a major contributor to the implementation of ACARE's SR1A" Key-Note Speech by Mr Bruno Sainjon Chairman of Association of European Research Establishments in Aeronautics (EREA)	
15:50 - 16:10	12.1	FUTURE Sky Session
16:10 - 16:30	12.5	RADIAN Session AERO-UA
16:30 - 17:00	12.6	EFFICOMP Session
17:00 - 17:20	2.3	Aeroelasticity & Unsteady Flows
17:20 - 17:40	11.1	Modelling and Simulation of Flight Physics - Part I
17:40 - 18:00	5.3	Structural Aspects in Aircraft Design
18:00 - 18:20	5.1	Innovative Multifunctional Materials For Aeronautics
18:20 - 18:40	11.1	Modelling and Simulation of Flight Physics - Part II
18:40 - 19:00	12.7	RINGO Session
19:00 - 19:30	5.3	Structural Aspects in Aircraft Design
19:30 - 20:00	12.4	R&D Research in the Field of Aeronautics & Air Transport
20:00 - 20:30	8.3	Aerial Monitoring & Surveillance of Polar Areas
20:30 - 21:00	3.1	Multi Disciplinary Optimisation
21:00 - 21:30	8.4	Autonomy & Automation in UAS Systems
21:30 - 22:00	2.2b	Wing Optimisation
22:00 - 22:30	"INEA's role in implementing Aviation research in H2020: feedback from 3 years of operations" Key-Note Speech by Mr Alan Haigh Head of Department – Horizon 2020 Energy and Transport, INEA, Executive Agency – European Commission	
22:30 - 23:00	Welcome Reception	

DAY 2 | 27.09.2017

Time	Room	Topic
8:30 - 18:30	Registration	Registration
8:30 - 9:00	AULA	"Challenges of business jets technological developments" Key-Note Speech by Dr Bruno Stoufflet Vice-President Scientific Strategic, R&D and Advanced Projects, Dassault Aviation
9:10 - 9:40	AULA	"Accelerating market introduction of emerging innovations through integrated technology demonstrations" Key-Note Speech by Dr Fay Collier Associate Director for Flight Strategy, Integrated Aviation Systems Program, NASA Langley Research Center
9:40 - 10:10	Coffee Break	
10:10 - 10:30	ALPHA 2.1	Design Challenges for Future Passenger Aircraft
10:30 - 10:50	FOXTROT 6.2	Fatigue of Aircraft Structures
10:50 - 11:10	BRAVO 1.2	Non-Destructive Testing in Aerospace
11:10 - 11:30	IKAR 10.1	Space Physics
11:30 - 11:50	AULA 11.2	Optimisation, Control and Robust Design in Aerodynamics
11:50 - 12:10	CHARLIE 8.1	Future Challenges of Unmanned Aerial Systems
12:10 - 12:30	DELTA 1.2	Non-Destructive Testing in Aerospace
12:30 - 13:00	PAPA	
13:00 - 14:30	Lunch Break	
14:30 - 15:00	"Flying Around The World With Solar Power – A Success Story" Key-Note Speech by Mr Hannes Ross Design Advisor and Consultant for the Swiss Project Solar Impulse	
15:00 - 15:30	Coffee Break	
15:30 - 15:50	2.1	Design Challenges for Future Passenger Aircraft
15:50 - 16:10	12.8	CAPPADOCIA Session
16:10 - 16:30	2.2	Flight Control
16:30 - 16:50	11.1	Modelling and Simulation of Flight Physics - Part III
16:50 - 17:20	8.1	Future Challenges of Unmanned Aerial Systems
17:20 - 17:40	2.4	Vibration Control
17:40 - 18:00	5.6	Important Fire Issues in Aviation
18:00 - 18:20	2.1	Design Challenges for Future Passenger Aircraft
18:20 - 18:40	2.2	Flight Control
18:40 - 19:00	11.1	Modelling and Simulation of Flight Physics - Part IV
19:00 - 19:30	8.1	Future Challenges of Unmanned Aerial Systems
19:30 - 20:00	5.4	Impact Damage Formation on Aircraft Structures
20:00 - 20:30	5.8	Morphing aircraft structures Structural health monitoring in aerospace structures
20:30 - 21:00	GA EASN Association	

DAY 3 | 28.09.2017

Time	Room	Topic
8:30 - 18:30	Registration	Registration
8:30 - 9:00	AULA	"Aviation 5.0 – Challenges and Solutions for 2050" Key-Note Speech by Prof Dr-Ing. Miko Hornung Bauhaus Luftfahrt e.V.
9:10 - 9:40	AULA	"Connected, Networked Aircraft and The Future of On-Demand Air Mobility" Key-Note Speech by Dr Bruce Holmes Vice President and Executive Director of the Skyelligence Group, SmartSky Networks
9:40 - 10:10	Coffee Break	
10:10 - 10:30	ALPHA 12.2	Clean Sky Session
10:30 - 10:50	FOXTROT 1.3	NDT of Composites
10:50 - 11:10	BRAVO 4.1	Design Challenges for Future Aero-Engines
11:10 - 11:30	IKAR 11.2	Optimisation, Control and Robust Design in Aerodynamics
11:30 - 11:50	AULA 9.1	Electric Propulsion for Commercial Aircraft – Challenges & Opportunities
11:50 - 12:10	CHARLIE 10.3	Space Robotics
12:10 - 12:30	DELTA 2.5	Aircraft Components & Systems
12:30 - 13:00	PAPA	
13:00 - 14:30	Lunch Break	
14:30 - 15:00	"Electric propulsion for aircraft" Key-Note Speech by Dr Frank Anton Siemens Next47 Projects, eAircraft	
15:00 - 15:30	Coffee Break	
15:30 - 15:50	7.2	New Solutions and Technology Challenges in SAT
15:50 - 16:10	6.1	Fatigue of Aeronautical Materials & Structures
16:10 - 16:30	4.1	Design Challenges for Future Aero-Engines
16:30 - 16:50	11.2	Optimisation, Control and Robust Design in Aerodynamics
16:50 - 17:20	9.2	Hybrid - Electric Propulsion Technology
17:20 - 17:40	10.3	Space Robotics
17:40 - 18:00	2.5	Aircraft Components & Systems
18:00 - 18:20	4.1	Design Challenges for Future Aero-Engines
18:20 - 18:40	5.9	Surface engineering approaches
18:40 - 19:00	6.1	Fatigue of Aeronautical Materials & Structures
19:00 - 19:30	8.2	Design Challenges for MALE class UAS
19:30 - 20:00	7.2 / 7.1	New Solutions and Technology Challenges in SAT / Safety in SAT
20:00 - 20:30	8.1	Future Challenges of Unmanned Aerial Systems
20:30 - 21:00	14.1	Rotors & sensitivity studies
21:00 - 21:30	Closing Ceremony - summary & adjourn	