

INAIR 2025		Paola, MALTA	28 - 29 October 2025
Day 1 - Tuesday 28th Oct 2025			
8:00	8:45	Registration	
8:45	9:30	Opening Plenary <i>Deputy Principal for Vocational and Professional Education and Training: Dr Mario Cardona</i>	
		Keynote Speech <i>Director of the Institute of Engineering and Transport (IET): Dr Ing. Stephen Sammut</i> <i>IET Deputy Director responsible for Aviation, Transportation and Logistics Department: Ing. Roberto Tiscio</i>	
9:30	10:50	Air Transportation Governance, Economics And Policy	
		<i>Climate Mitigation Strategies for Aviation - A Marginal Abatement Cost Perspective - Leon Müller</i>	
		<i>Aviation Decarbonisation: A Bibliometric Analysis of Productivity and Research Trends, and Gaps - Luis Martin Domingo</i>	
		<i>Price Elasticities in Aviation: Novel Estimates from Structural Gravity Modelling and Instrumental Variables Approach - Katrin Koelker</i>	
		<i>The green energy transition in air transport – an analysis of supply chains for hydrogen and sustainable aviation fuels - Wolfgang Grimme</i>	
10:50	11:10	Coffee Break	
11:10	12:30	Air Transportation Governance, Economics And Policy	
		<i>Segment and OD demand from Europe to the UAE and Qatar: Trends and potentials for new direct flights - Sven Maertens</i>	
		<i>Decision factors of air cargo freight forwarders for transport service providers in different geographic regions: a systematic literature review - Floris De Haan</i>	
		<i>A Literature Review and Methodological Recommendations to Measure the Economic Impact of Air Transport - Shravana Kumar</i>	
		<i>Case Study of Air Transport in Barbados: A Decade of Evolution - C53- Dominique Bovell</i>	
12:30	13:30	Networking Lunch Break	
13:30	13:50	Keynote Speech <i>Lufthansa Technik Malta - CEO: Ing. Maria Cilia</i>	
13:50	15:15	Air Traffic Management (Air Traffic Management; Air Navigation Services: UTM; U-Space) / Communication Navigation Surveillance	
		<i>Analysis of Ground Bit Changes in ADS-B Data from Airport Operations - Matyáš Pros</i>	
		<i>Determination of the Expected Landing Time Calculation Accuracy - Terézia Pilmannová</i>	
		<i>Assessing Privacy Concerns in Urban Air Mobility: A Parcel Delivery Case Study in Madrid - Emir Ganić</i>	
		<i>Equitable Skies: Defining Fairness in Unmanned Aircraft Systems Traffic Management - Martina Hlavatá</i>	
15:15	15:35	Coffee Break	
15:35	17:00	Airline Operation / Airport Operation and Design	
		<i>A comparative study of crew pairing optimization formulations: Preparing for quantum computing - Thorsten Ehlers</i>	
		<i>Hybrid Simulation Models for high-performance and versatile airport simulations: Integrating System Dynamics and Agent-Based Approaches - Florian Rudolph</i>	
		<i>The Evolution of Air Transport Connectivity - A Case Study of Cluj-Napoca Int'l Airport - Roland-István Matuz-Vitus</i>	
		<i>Hydrogen Leakage Across an Airport Liquid Hydrogen Supply Chain - Tim Schunkert</i>	
18:00	21:00	Networking Evening at MCAST	
Andrea Boháčová (Key Challenges in Implementing ATM Data Service Providers in Europe) POSTERS: Filip Škultéty (Integration of Morphing Structural Mechanisms into Active Flight Control Systems) Andrej Novák (Resilience of European Air Navigation Service Providers During the COVID-19 Crisis: A Comparative Analysis)			

Day 2 - Wednesday 29th Oct 2025			
9:00	9:10	Deputy Principal for Vocational and Professional Education and Training: Dr Mario Cardona	
9:10	9:30	Keynote Speech Easyjet Engineering Malta - Head of Production Planning: Ms Donnalise Psaila	
9:30	11:00	Safety and Security Shifting readiness of Prague Airport for safe operations of autonomous tow tractors - Libor Kurzweil STPA and FHA combined: Airbus A320 Family ATA 27B High-lift System Case Study - Kiyofolo Benjamin Ouattara Climate change manifestations – Bratislava Airport - Miriam Jarošová The Landscape of Integration and Automation for STPA: A Systematic Review - Max Chopart	
11:00	11:30	Coffee Break	
11:30	12:30	Aerospace Engineering / UAS: Development, Design, Protection and Regulation Impact of Sustainable Aviation Fuels on the Emission Indices of Gaseous Species and Particulate Matter - Paula Kurzawska Integration of a Load Cell in a Hexacopter UAS Failsafe Propulsion Arm for Inflight Thrust Measurement - Leo Scicluna EU and Japanese regulations on unmanned aircraft systems – comparative analysis - Mateusz Osiecki	
12:30	13:30	Networking Lunch Break	
13:30	15:00	UAS: Development, Design, Protection and Regulation Noise reduction of UAS: Can acoustic materials provide a solution? - Daniel Urban Application of electronic fuel injection in two-stroke piston engines for UAS - Peter Lubják Solar-Powered UAV Iterative Design Process: A Low-Altitude Demonstrator Toward HAPS - Robert Dianovský On-Demand Remote Sensing from the Stratosphere: Lessons Learned from a Multispectral Balloon Flight - Pavol Pecho	
15:00	15:30	Coffee Break	
15:30	17:00	Human Performance / Flight Trainings / Education and Training Age-related differences in the acquisition of basic piloting proficiencies in simulated flight environment - case study - Marta Maciejewska Visualizing Student Pilot Mental Workload in Real Flight Training Using Wearable Heart Rate Monitoring - Hana Procházková Gender Diversity in Aviation: Barriers, Opportunities, and Pathways for Equity - Marina Efthymiou Glucose and Cognition: Effects on Pilot Reaction Time - Lenka Hanáková	
18:00	22:00	Gala Dinner	