WEDNESDAY – 3 NOVEMBER 2021 – DAY 1

09,00 – 09,10 Anna Tomová, opening speech
09,10 – 09,30 Keynote Speaker: Isabelle Laplace (ENAC)  
Ecologic Transition of Air Transport: Only a Technological Challenge?
09,30 – 09,50 Wolfgang Grimme, The Role of Very large Passenger Aircraft in Global Air Transport – a Review and Outlook to the year 2050
09,50 – 10,10 Jakub Hospodka, Electricity Price for Aviation
10,10 – 10,30 Roman Jaksche, Analysis of Connectivity and Mobility Changes for Mainliner Air Traffic on a Global Scale

10,30 – 11,00 NETWORKING COFFEE BREAK

11,00 – 11,20 Keynote Speaker: Bojana Mirković (University of Belgrade)  
Making Best Use of Airport Airside Capacity (Covering Various Measures to Enhance Capacity Utilization)
11,20 – 11,40 Hansjochen Ehmer, Nudging Air Travellers towards Carbon Offsetting: The Impact of an Opt-Out Default on the Offsetting Rate
11,40 – 12,00 Haris Zuan, Geopolitics and The ASEAN Single Aviation Market: Aspirations Versus Realities
12,00 – 12,20 Miguel Mujica Mota, Restart: Analysis of Post-Covid 19 Capacity in Security Checkpoints of an Airport
12,20 – 12,40 David Herold, Implications for Airlines on the Quality-price Ratio in the DACH-region: the Case of the Air Berlin Bankruptcy

12,40 – 13,30 LUNCH BREAK

13,30 – 13,50 Keynote speaker: Zoltán Bazsó (Eurocontrol)  
Lessons Learned from Pandemic
13,50 – 14,10 Chantal Roucolle, Airline Scheduling: Learning from Past Errors
14,10 – 14,30 Thomas Standfuss, Forecasting European Air Traffic Demand - How Deviations in Traffic Affect ANS Performance
14,30 – 14,50 Yusuf Ziya Unal, A New Approach to Fleet Assignment and Aircraft Routing Problems
14,50 – 15,10 Marta Maciejewska, Pilot’s Heart Rate Variability (HRV) Analysis During Flight Operation

15,10 – 15,40 NETWORKING COFFEE BREAK

15,40 – 16,00 Pavel Zaoral, SET-IMC Operations
16,00 – 16,20 Clive Aquilina Spagnol, A Strategic Analysis of Saudia Using the PEG Strategic Framework
16,20 – 16,40 Hilal Tugce Lapcin, Airport Competitive Strengths in Turkey: Primary, Secondary, and Regional Airports
16,40 – 17,00 Alena Novák Sedláčková, Implementation of Knowledge Alliance in Air Transport into Educational System of Slovak Republic

18,15 AX THE PALACE HOTEL RECEPTION
18,30 MALTESE DINNER
THURSDAY – 4 NOVEMBER 2021 – DAY 2

09,00 – 09,20  **Keynote Speaker: Ivan Ferencz, EASA**  
EASA and Pandemic: Summary of Delivered Results

09,20 – 09,40  **Janina Scheelhaase**, Options for Improving the EU Emissions Trading Scheme

09,40 – 10,00  **Ali Turkyilmaz**, Inventory Cost Minimization of Spare Parts in Aviation Industry

10,00 – 10,20  **Paula Kurzawska**, Overview of Sustainable Aviation Fuels Including Emission of Particulate Matter and Harmful Gaseous Exhaust Gas Compounds

10,20 – 10,40  **Pavol Pecho**, Possibilities of Using Bioethanol as an Alternative Fuel in the Conditions of Jet Engines

10,40 – 11,10  NETWORKING COFFEE BREAK

11,10 – 11,30  **Maiken Kull**, UAV Operation

11,30 – 11,50  **Marta Tojal**, Analysis of the definition of Urban Air Mobility – how its attributes impact on the development of the concept


12,10 – 12,30  **Matusz Osiecki**, Military Autonomous Drones - from Fantasy to Reality. Legal and Ethical Implications

12,30 – 12,50  **Jakub Kraus**, Integration of UAM into Cities – The Public View

12,50 – 13,30  LUNCH BREAK

POSTER SESSION

13,30 – 14,45  **Tatiana Remencová**, The Approach to Evaluation of the Economic and Operational Indicators of Selected Regional Airports in the Countries of Central Europe

**Maxim Solkin**, Electromagnetic Interference Hazards in Flight: Review of Critical Issues in Aviation Security

**Filip Škultéty**, Dangerous Weather Phenomena and their Effect on En-Route Flight Delays in Europe

**Michal Hrúz**, Use of the Principal Component Analysis for Classification of Aircraft Components Failure Condition Using Vibrodiagnostics

**Andrey Novák**, The Methods of Helicopter Control in Non-standard Situations

**Benedikt Badáni**, Understanding Scheduling Preferences of Airline Crews

**Tomasz Lusiak**, Initial Analysis of The Aerodynamic Characteristics of the Rotorcraft Model

**Kristína Šajbanová**, Conceptual Design of The Axial Compressor Stage with Counter-Rotating Rotors

**Michal Janovec**, Design of Construction and Instrumentation of the Zlín Aircraft Simulator

**Pavol Pecho**, Measurement of pilot’s workload during NDB and ILS approaches

**Jiří Chlebek**, Bird Strike as a Threat to Aviation Safety

**Alexey Shvetsov**, Analysis of Accidents Resulting from the Interaction of Air and Ground Vehicles at Airports

14,45  CLOSING WORDS