



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 – 15,30 NETWORKING COFFEE BREAK

- 15,30 – 15,50 **Keynote speaker: Narjess Abdennebi (ICAO)**
- 15,50 – 16,10 **Pavel Zaoral**, *SET-IMC Operations*
- 16,10 – 16,30 **Clive Aquilina Spagnol**, *A Strategic Analysis of Saudia Using the PEG Strategic Framework*
- 16,30 – 16,50 **Hilal Tugce Lapcin**, *Airport Competitive Strengths in Turkey: Primary, Secondary, and Regional Airports*
- 16,50 – 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 Turkeyilmaz**, *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 **Karl-Eerik Unt**, *Challenges in organising UAS services. Accident investigation aspects*
- 11,30 – 11,50 **Marta Tojal**, *Analysis of the definition of Urban Air Mobility – how its attributes impact on the development of the concept*
- 11,50 – 12,10 **Luke Connolly**, *Design and Development of a Low-Cost Inspection UAS Prototype for Visual Inspection of Aircraft*
- 12,10 – 12,30 **Mateusz Osiecki**, *Military Autonomous Drones - from Fantasy to Reality. Legal and Ethical Implications*
- 12,30 – 12,50 **Mikuláš Keller**, *Integration of UAM into Cities – The Public View*

12,50 – 13,30 LUNCH BREAK

13,30 – 14,45 POSTER SESSION

- 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 and the 5G mobile phone: 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*
- Andrej Novák**, *The Methods of Helicopter Control in Non-standard Situations*
- Benedikt Badánik**, *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*
- Andrea Maternová**, *Airports and Ports in Slovakia – Risk Assessment*
- Alexey Shvetsov**, *Analysis of Accidents Resulting from the Interaction of Air and Ground Vehicles at Airports*

14,45 CLOSING WORDS