

WEDNESDAY – 4 NOVEMBER 2020 – DAY 1

09,00 – 09,10 **Anna Tomová**, *opening speech*

SESSION I:

09,10 – 09,30 **Keynote Speaker: Antonín Kazda**

Business continuity during pandemics – lessons learned about airport personnel

09,30 – 09,50 **Darren Ellis**, *Developing a strategic framework of analysis for air transport management*

09,50 – 10,10 **Sven Maertens**, *The development of transfer passenger volumes and shares at airport and world region levels*

10,10 – 10,30 **Wolfgang Grimme**, *The prospects of hybrid-electric regional air transport - an assessment of travel time benefits of domestic short-haul flights in Germany with 19-seater aircraft*

10,30 – 10,50 **Stephan Bingemer**, *An analysis of the prospects of ultra-long-haul airline operations using passenger demand data*

10,50 – 11,10 **Martin Kála**, *Contrail formation assessment based on aerological data*

11,10 – 11,30 BREAK

SESSION II:

11,30 – 11,50 **Keynote Speaker: Michael Tmej**

Will Regional Airports in Europe survive the challenge of COVID-19 pandemic and what could the aftermath look like?

11,50 – 12,10 **Matija Bračić**, *Analysis of Recommended Measures on Airport Terminal Traffic Flows in the Conditions of the COVID-19 Pandemic*

12,10 – 12,30 **Miroslav Špák**, *Enhancement of the diversion airport selection methodology*

12,30 – 12,50 **Karol Semrád**, *Statistical prediction models of impact damage of airport conveyor belts*

12,50 – 13,10 **Katarína Draganová**, *Innovative analysis of the physical-mechanical properties of airport conveyor belts*

13,10 – 14,00 LUNCH BREAK

SESSION III:

14,00 – 14,20 **Keynote speaker: Keith Mason**

Six things that Covid-19 has not changed in the air transport industry, and the structural changes that will occur because of it

14,20 – 14,40 **Janina Scheelhaase**, *How to improve the global 'Carbon Offsetting and Reduction Scheme for International Aviation' (CORSIA)?*

14,40 – 15,00 **Sébastien Lán**, *Contrail formation assessment based on aerological data*

15,00 – 15,20 **Clive Aquilina-Spagnol**, *Viewing the Middle East big three (MEB3) as heterogeneous*

15,20 – 15,40 **Davor Franjkovic**, *Calculation of Airplane Wake Turbulence Re-Categorisation Effects*

15,40 – 16,00 **Tereza Topková**, *Extension of Alternative Navigation Solutions Using Multi-Hop Routing*

16,00 – 16,15 **Vladimír Socha**, *Workload assessment of air traffic controllers*

16,15 – 16,30 **Vladimír Socha**, *Effect of Psychological Training on Pilot's Performance*

THURSDAY – 5 NOVEMBER 2020 – DAY 2

SESSION IV:

- 09,00 – 09,20 **Damian Olejniczak**, *Model identifying the conditions conducive wing airfoil icing process on the basis of aircraft flight parameters*
- 09,20 – 09,40 **Igor Kabashkin**, *Reliability of Software Applications in Integrated Modular Avionics*
- 09,40 – 10,00 **Tomasz Lusiak**, *Aerodynamic analysis of the aircraft model made with the 3D printing method*
- 10,00 – 10,20 **Michal Hruz**, *Innovative changes in maintenance strategies of ATO's aircraft based on their operational status*
- 10,20 – 10,40 **Jozef Čerňan**, *The stress analysis of air turbine driven propeller blade*
- 10,40 – 11,00 **Ján Labun**, *Analysis of the Earth's Surface Influence On the Accuracy of ADF Alignment*
- 11,00 – 11,20 BREAK**
- 11,20 – 11,50 Keynote speaker: **Radosav Jovanović**
Coordinated capacity and demand management for the European ATM: lessons from the COCTA project and a way forward
- 11,50 – 12,10 **Jakub Kraus**, *Social, technological and systemic issues of spreading the use of drones*
- 12,10 – 12,30 **Tobias Koch**, *Identification of application fields for electrical propulsion techniques and personal aerial vehicles*
- 12,30 – 12,50 **Anna Konert**, *U-space – Civil Liability for damages caused by Unmanned Aircraft*
- 12,50 – 13,00 **Viliam Ažaltovič**, *The Correctness and Reaction Time of Piloting the Unmanned Aerial Vehicle*
- 13,00 – 13,20 **Andrej Lališ**, *Ontology-based reliability analysis of aircraft engine lubrication system*
- 13,20 – 13,50 **Robert Walton**, *A Textual Analysis of Dangerous Goods Incidents on Aircraft*

SESSION V: POSTER SESSION

- 13,50 – 14,15 **Iveta Škvareková**, *Number of Saccades and Fixation duration as Indicators of Pilot Workload*
Benedikt Badánik, *Airline on-time performance management*
Andrej Novák, *Use of Unmanned Aerial Vehicles in Aircraft Maintenance*
Filip Škultéty, *Real time light-sport aircraft tracking using SRD860 band*
Pavol Pecho, *Design of air circuit disinfection against COVID-19 in the conditions of airliners*
Mateusz Nowak, *Adaptation of the LTO test to the local airports infrastructure*
Marta Maciejwska, *The impact of physical activity on the pilot's psychophysical state during the flight*
Matúš Materna, *Reflection of commercialization in organizational and ownership structure of DFS*
- 14,15 – 14,20 **Closing words**

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SEE YOU IN MALTA (hopefully 😊)
3 – 4 NOVEMBER 2021