

Section: **Smart, Safe and Sustainable Aviation**

Chair: **Maja Ozmec-Ban, Ph.D.**



Paper title	Authors	Presentation time
Access to Airport and Multimodal Transport: A Machine Learning Application	Milica Kalić, Katarina Kukić, Slavica Dožić, Danica Babić	14:00 - 14:15
Development Adjustment of Airport Passenger Terminals for Low-cost Carriers: An Overview	Jelena Pivac, Mia Marić	14:15 -14:30
Comparative Review of Carbon Dioxide Emissions Calculators: Airport-centric Assessment	Zvonimir Rezo, Sanja Steiner, Ružica Škurla Babić Matej Soldo Jocić	14:30 – 14:45
Profiling of the Environmental Conditions for High-altitude Pseudo Satellites Operations	Zvonimir Rezo, Tomo Bagarić, Sanja Steiner	14:45 – 15:00
Artificial Intelligence Applications in Aeronautical Information Management: Error Detection Through Artificial Intelligence During Product Preparation	Javier Alberto Pérez Castán, Ana Pastor Bataller, Luis Pérez Sanz, Cristina Bárcena Martín, Javier Fenoll Rejas, Marta Hernández Muñoz	15:00 – 15:15
Countering ADS-B Signal Spoofing by Time Difference of Arrival Multilateration Method	Tomo Bagarić, Zvonimir Rezo, Tomislav Radišić Sanja Steiner	15:15 – 15:30
Analysis of the Timeliness of the Aircraft Ground Handling Process Using the PERT Method	Artur Kierzkowski, Tomasz Kisiel, Ewa Mardeusz	15:30 – 15:45
Towards an Integrated Environmental Modeling Platform for Sustainable Aviation and Urban Air Mobility	Anna Palaiologk, Niki Krousouloudi, Eleftheria Georganti, Sofia Kalakou	15:45 – 16:00
COFFEE BREAK		

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The Regulatory Illusion of Security in Drone Operations in the Specific Category: An Analysis of the Gaps Between Regulatory Compliance and Actual Cyber Resilience Within the SORA	Anton Puiliyski, Alexandra Stefanova, Vladimir Serbezov	16:30 – 16:45
Implementing Fatigue Risk Management System in an Airline: A Case Study	Dajana Bartulović, Ante Grgić	16:45 – 17:00
Impact Analysis of Dangerous Goods-related Aviation Accidents on Safety Regulations and Operational Procedures	Dajana Bartulović, Antonio Gagula, Antonio Mičić, Andrija Vidović	17:00 – 17:15
Accomplishing the Airport's Safety Performance Targets: A Case Study	Dajana Bartulović, Jelena Pivac, Mirko Žužul, Mate Melvan	17:15 – 17:30