

AVIATION AND DEFENCE TECHNOLOGIES

28th International Scientific Conference
**TRANSPORT
MEANS
2024**



[Join the Session via Zoom](#)

Session 6

Virtual presentations

4 October 2024, 9.00 – 15.00

Chairman – **M. Lendraitis**

Co-Chairman – **A. Survila**

9.00 – 15.00	Session
11.00 – 11.20	Coffee Break
13.00 – 13.30	Coffee Break

Air Traffic Simulation Framework with Command Interface Based on Real-Time Traffic Data

R. A. Jáger, G. Szabó, Budapest University of Technology and Economics (Hungary)

Co -Pilot Assistant System Design Approach to Prevent Accidents Caused by Pilot Errors in Aircraft

M. K. Akgul, Ministry of Industry and Technology, General Directorate of Strategic Research and Productivity (Turkey), **M. Baymukhamedov**, Kostanay Social Technical University named after Z. Aidamzharov (Kazakhstan)

Increasing the Efficiency and Capacity of Security Control at the Airport when Using Biometric Characteristics

Z. Korecki, T. Hoika, University of Defence, **J. Tureček**, Ambis University (Czech Republic)

Potential Application of Unmanned Aerial Vehicle for Foreign Object Detection in an Airport Movement Area

L. Cicmanec, M. Knapkova, J. Vomela, University of Defence (Czech Republic)

Utilization of Linear Regression Models in the Economics of Air Transportation for Decision-Making Processes

K. Kováčiková, A. Novák, M. Kováčiková, A. Novák Sedláčková, University of Žilina (Slovak Republic)

Integration of Intelligent Transport Systems within Smart Cities

K. Kováčiková, A. Novák, M. Kováčiková, A. Novák Sedláčková, University of Žilina (Slovak Republic)

Design of Hydraulic Clutch Control System to Replace Mechanical Control System on Tracked Vehicles

X.P. Cu, Le Quy Don Technical University (Vietnam), **Z. Vintr**, University of Defence (Czech Republic), **H.A. Bui**, University of Fire Prevention and Fighting (Vietnam)

The Use of Linear Regression in Tribodiagnosics

V. T. Nguyen, J. Furch, University of Defence (Czech Republic)

The Impact of Advanced Logistics Technologies on Strengthening the Country's Defense Potential

M. Kopczewski, General Tadeusz Kosciuszko Military University of Land Forces, **G. Wiśniewski**, The International University of Logistics and Transport in Wrocław (Poland)

Method for Studying Nonlinear Bending of Sandwich FGM Plates with Complex form Simulating Elements of the Transport Construction

L. V. Kurpa, T. V. Shmatko, A.B. Linnik, I. O. Morachkovska, National Technical University "Kharkiv Polytechnic Institute" (Ukraine)