

# AVIATION AND DEFENCE TECHNOLOGIES

27<sup>th</sup> International Scientific Conference

TRANSPORT  
MEANS  
2023



[Join the Session via Zoom](#)

## Session 3

Hotel Gabija, VIP room

5 October 2023, 9.00 – 13.30

Chairman – **M. Lendraitis**

Co-Chairman – **K. Jasas**

9.00 – 13.30	Session
11.00 – 11.20	Coffee Break
13.30 – 14.30	Lunch (Hotel RESTAURANT)

### *Network Model-Based Optimization of the Supply Chain of Alternative Jet Fuels*

**J. Tóth**, National University of Public Service (Hungary)

### *Propulsion Systems for Unmanned Aerial Vehicles*

**B. Békési**, National University of Public Service (Hungary)

### *LDACS Test Platform Proposal*

**D. Levin**, **T. Topková**, **P. Bureš**, Czech Technical University in Prague (Czech Republic)

### *Towards a Unified Framework: Assessment of Licensing and Airworthiness Standards for European Ultralight Aviation*

**F. Škultéty**, **J. Čerňan**, **M. Janovec**, **K. Šajbanová**, University of Zilina (Slovak Republic) [online]

### *Automotive Fuels Analysis as Alternative Solutions for Aircraft Piston Engines*

**K. Šajbanová**, **J. Čerňan**, **M. Janovec**, **F. Škultéty**, **I. Maršala**, University of Zilina (Slovak Republic) [online]

*Analysis of Operational Procedures for Skydiving Operations of Cessna 182 Aircraft*

**M. Janovec**, **F. Broczsky**, **K. Šajbanová**, **J. Čerňan**, University of Zilina (Slovak Republic) [online]

*Application of Atomic Emission Spectrometry in Conjunction with a Linear Regression Model for Prediction Content Fe of Motor Oil in Combat Vehicles*

**Van Thai Nguyen**, **J. Furch**, University of Defence in Brno (Czech Republic) [online]

*The Relationship between Reliability and Vehicle Life Cycle Costs*

**J. Furch**, **V. Konečný**, University of Defence in Brno (Czech Republic) [online]

*Quantitative and Qualitative Vehicle Requirements Related to LCC*

**J. Furch**, **V. Konečný**, University of Defence in Brno (Czech Republic) [online]

*Detection and Localization System to Determine the Location of the Laser Source in the Attack on the Aircraft*

**T. Baláž**, **Z. Korecki**, **J. Krejčí**, **F. Racek**, University of Defence in Brno (Czech Republic) [online]

*RCM Maintenance and Maintenance Systems*

**A. Svasta**, University of Defence in Brno (Czech Republic) **B. Kopilakova**, A. Dubcek University of Trencin (Slovak Republic), **P. Stodola**, **J. Stodola**, University of Defence in Brno (Czech Republic) [online]

*Threat and Risk Management*

**J. Jelinek**, University of Defence in Brno (Czech Republic) **B. Kopilakova**, A. Dubcek University of Trencin (Slovak Republic), **P. Stodola**, **J. Stodola**, University of Defence in Brno (Czech Republic) [online]

*Methodology for Evaluating the Combat Capability of Armored Vehicle*

**Z. Krobot**, **P. Stodola**, **J. Stodola**, University of Defence in Brno (Czech Republic) [online]

*New Integrated Briefing System for Bosnia and Herzegovina*

**F. Chodelka**, **A. Novák**, **A. Hodžić**, University of Zilina (Slovak Republic) [online]