

AVIATION AND DEFENCE TECHNOLOGIES

29th International Scientific Conference

**TRANSPORT
MEANS
2025**



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Session 3

Victoria Hotel Klaipėda Conference Center, Hall G. Wegeli

2 October 2025, 9.00 – 15.30

Chairman – Dr. **S. Japertas**

Co-Chairman – Dr. **M. Lendraitis**

9.00 – 15.30	Session (Hall G. Wegeli)
10.40 – 11.00	Poster session (Conference Center lobby)
10.40 – 11.00	Coffee Break (Conference Center lobby)
12.30 – 13.30	Lunch (Hotel Restaurant)
from 15.00	Coffee Break (Conference Center lobby)
15.45 – 18.00	Boat Trip in Klaipėda Port (we will leave from the hotel lobby at 15.45) We ask the participants to be prepared with warm clothing and rain protection as excursion will take place outdoors!

Vertical Take-Off and Landing of Fixed-Wing UAVs Using Thrust Vectoring

D. Szeőcs, A. Masuk, J. Menyhárt, G. Husi, University of Debrecen (Hungary)

Measurement of Passenger Compartment Illumination Intensity when an Aircraft is Hit by a Laser

T. Baláž, K. Nováčková, Z. Korecki, T. Hoika, University of Defence (Czech Republic)

Evaluation of Variability of the Passenger Security Control Process at the Airport

Z. Korecki, T. Hoika, University of Defence (Czech Republic)

Assessing The Impact of Automation on Labor in Airport Ground Handling Services

E. R. Sunaryo, Amsterdam University of Applied Science (Netherlands), **V. Ranawijaya**, University of Erfurt (Germany)

Prediction of the Presence of Iron Particles in Engine Oil of Internal Combustion Engines

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

The Means for Determining the Shape of the Watercourse Bottom

D. Coufal, **J. Holopírek**, University of Defence (Czech Republic)

Reliability of Military Land Mobile Platforms

A. Švásta, University of Defence (Czech Republic) **B. Kopilakova**, A. Dubcek University of Trencin (Slovak Republic), **P. Stodola**, **J. Stodola**, University of Defence (Czech Republic)

Intelligent Transport Systems and Telematics

B. Knápek, University of Defence (Czech Republic) **B. Kopilakova**, A. Dubcek University of Trencin (Slovak Republic), **P. Stodola**, **J. Stodola**, University of Defence (Czech Republic)

Hazard Perception – Conceptual Frameworks, Training Methods and Tools in Civil Aviation

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