

SUSTAINABLE TRANSPORTATION SOLUTIONS

27th International Scientific Conference

**TRANSPORT
MEANS
2023**



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Session 2

Hotel Gabija, Hall PARK

5 October 2023, 9.00 – 13.30

Chairman – Prof. **A. Keršys**

Co-Chairman – Dr. **A. Patlins**

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

Local Public Transport Operative Total Cost of Ownership Analysis in Relation to the Technology Transition Phase

M. Di Pasquale, R. Piscitelli, TUA SpA - Società Unica Abruzzese di Trasporto, **G. D'Ovidio, G. Totani, L.M. D'Angelo**, University of L'Aquila – CITRAMS (Italy)

Hydrogen for Sustainable Mobility: Ongoing Experiences from the Italian LIFE3H Project

P. Pescara, C. Barchiesi, D. Ciamponi, Abruzzo Region, Department of Territory-Environment, **M. Di Pasquale**, TUA SpA - Società Unica Abruzzese di Trasporto, **L.M. D'Angelo, G. Antonini, G. D'Ovidio**, University of L'Aquila – CITRAMS (Italy)

Development of an IoT Prototype for Limiting the Access of Vehicles in Areas with Increased Air Pollution

A. Patlins, N. Petrovs, Riga Technical University (Latvia)

Quality of Service Criteria for Integrated Passenger Transport Systems

M. Živković, Integrated traffic of Zagreb area Ltd., **B. Abramović**, University of Zagreb (Croatia) [online]

Concept of a Test Rig for the Determination of Flow Characteristics of Air Brake Valves in Automatic Cycle

M. Kisiel, D. Szpica, J. Czaban, Bialystok University of Technology (Poland) [online]

Numerical Determination of Flow Characteristics of Piston Pneumatic Engine Timing System Components
M. Korbut, D. Szpica, Bialystok University of Technology (Poland) [online]

Modeling Influence of TiO₂ Barrier Coating on Pollutant Dispersion near Road

M. Biliaiev, Ukrainian State University of Science and Technology, **O. Berlov**, Prydniprovsk State Academy of Civil Engineering and Architecture, **V. Biliaieva**, Oles Honchar Dnipro National University, **V.A. Kozachyna, V.V. Kozachyna**, Ukrainian State University of Science and Technology, **Z. Yakubovska**, Ukrainian State University of Chemical Technology (Ukraine) [online]

Simulation of Chemical Accident with Ammonia at the Pipe Line

M. Biliaiev, Ukrainian State University of Science and Technology, **O. Berlov**, Prydniprovsk State Academy of Civil Engineering and Architecture, **V. Biliaieva**, Oles Honchar Dnipro National University, **V.A. Kozachyna, V.V. Kozachyna, P. Mashykhina**, Ukrainian State University of Science and Technology (Ukraine) [online]

Calibration of Traffic Microsimulation Models Using the Results of Intelligent Video Analysis of the Traffic

V. Sistuk, Y. Monastyrskiy, I. Maksymenko, Kryvyi Rih National University (Ukraine) [online]

Prospects for Using Truck Trolley-Assisted Haulage Systems in Deep Iron Ore Open Pit Mines

Y. Monastyrskiy, V. Sistuk, I. Maksymenko, Kryvyi Rih National University (Ukraine) [online]