

Section

SUSTAINABLE TRANSPORTATION SOLUTIONS

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



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Session 2

Victoria Hotel Kaunas, Hall 2-2

3 October 2024, 9.00 – 16.00

Chairman – Prof. **A. Keršys**

Co-Chairman – Dr. **A. Patlins**

9.00 – 16.00	Session
10.30 – 11.00	Poster session (Hall 2-1)
11.00 – 11.20	Coffee Break (Hall 2-1)
13.00 – 14.00	Lunch (Hotel RESTAURANT)
15.30 – 15.50	Coffee Break (Hall 2-1)

New Technologies in Intermodal Freight Transport: a Tool for Reducing Energy Consumption

A. Dolinayova, P. Morihladko, University of Žilina (Slovak Republic)

Effect of Hydrogen Injection on Performance and Emissions of a Light-Duty Diesel Vehicle

K. Amatnieks, R. Šmigins, A. Birkavs, Latvia University of Life Sciences and Technologies (Latvia)

Air Quality Monitoring in Ulaanbaatar Using Fog Computing and IoT, Looking for the Correlation Between Air Pollution and Public Health

A. Patlins, B. Nyamkhuu, N.Kunicina, Riga Technical University (Latvia)

Utilisation of Regular Freight Block Trains by Single Wagon Loads

A. Pálková, Z. Bulková, J. Mašek, University of Žilina (Slovak Republic)

Investigation of the Impact of Touch Thermocouple Settings in Measuring the Surface Temperature of a Railway Brake Disc During Braking

J. Harušinec, K. Kozáková, A. Suchánek, University of Žilina (Slovak Republic)

Research of the Causes of Wear of Carbon Inserts of Passenger Electric Vehicles Current Collectors

D. Gorbacovs, P. Gavrilovs, J. Eiduks, N. Platonovs, Riga Technical University (Latvia)

Improvement of maintenance of the gas cylinder equipment of the car in low temperature conditions

R. Zaripov, B. Kabbasov, Torighyrov University (Kazakhstan), **P. Gavrilovs**, Riga Technical University (Latvia)

Ensuring a Safe Workplace at Sea: the Role of Education and Training in Preventing Bullying and Harassment

R. Hiwatashi, World Maritime University (Sweden), Japan Agency of Maritime Education and Training for Seafarers (Japan), **I. Bartusevičienė**, World Maritime University (Sweden)

Triple Helix Approach to Sustainable Shipping: Investigating Perceptions of Stakeholders on Alternative Fuels

M. Bulan, Maritime Academy of Asia and the Pacific (Philippines), World Maritime University (Sweden), **I. Bartusevičienė**, World Maritime University (Sweden)

Risk Assessment Regarding Use of Hydrogen in Railway Transport

P. Hubsycki, M. Pawlik, A. Kaźmierczak, Railway Research Institute (Poland)

Numerical Evaluation of the Operation of a Compression-ignition Engine Fueled by Diesel Fuel and Hydrotreated Vegetable Oil

D. Szpica, A. Borawski, G. Mieczkowski, Bialystok University of Technology, **J. Hunicz**, Lublin University of Technology, **P. Woś**, Rzeszow University of Technology (Poland)