

Section

SUSTAINABLE TRANSPORTATION SOLUTIONS

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



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Session 5

Virtual presentations

4 October 2024, 9.00 – 15.00

Chairman – Dr. **J. Jablonskytė**

Co-Chairman – Dr. **A. Patlins**

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

The Future of Electric Cars in Lithuania

I. Sprogytė-Bredelienė, B. Šustickienė, Vilnius College (Lithuania)

Development of Vehicle-to-grid in Ukraine

O. Smyrnov, A. Borysenko, I. Trunova, Kharkiv National Automobile and Highway University (Ukraine)

Optimization of Battery Management Systems to Enhance Efficiency and Reliability of Lithium Iron Phosphate Batteries

Shch. Arhun, V. Dvadnenko, A. Hnatov, Kharkiv National Automobile and Highway University (Ukraine)

The Strategy of End-to-End Partnership as a Basis for the Development of Transport and Logistics Business of Railway Transport Enterprises

T. Charkina, V. Zadoia, Ukrainian State University of Science and Technologies (Ukraine)

Modeling Free Vibrations of Linearly and Parabolically Tapered Axially Inhomogeneous Beams for Transport Applications

Analysis of Tax Benefit Limitations for the Acquisition of Passenger Cars for Business in the Czech Republic
J. Hakalová, Š. Kryšková, M. Palochová, Y. Pšenková, VŠB - Technical University of Ostrava (Czech Republic)

Risks in International Logistics: Focus Group Research

N. Chornopyska, K. Kalynets, Lviv Polytechnic National University (Ukraine)

Analysis of Methods for Increasing the Stability of Tractor Aggregates Movement Using Different Control Methods

A. Lebedev, M. Shuliak, V. Raputa, Sumy National Agrarian University, **O. Iesipov**, State Biotechnological University, **A. Kholodov**, Kharkiv National Automobile and Highway University (KhNAHU), **O. Pyrohov**, Sumy National Agrarian University (Ukraine)

Transit and Transport Potential of Central Asian Countries in the Context of Border Security

Sh. Kobdikova, Academy of Logistics and Transport, **S. Kalkhorazov, M. Buryan, N. Moldazym**, Border Academy of the National Security Committee of the Republic of Kazakhstan (Kazakhstan)

Service Quality Management of Railway Transport in Kazakhstan

A. Baimukhamedova, Gazi University (Turkey), **G. Baimukhamedova, M. Baimukhamedov**, Kostanay Social Technical University named after Z. Aidamzharov (Kazakhstan), **M. K. Akgul**, Ministry of Industry and Technology, General Directorate of Strategic Research and Productivity (Turkey), **S. Eslyamov**, L.N. Gumilyov Eurasian National University (Kazakhstan)

Two-half Periods Rectifier in a Serial Active-reactive Contour

Yu. Batygin, S. Shinderuk, Kharkiv National Automobile and Highway University (Ukraine)

Preparing Future Automotive Engineers for International Cooperation

N. Saienko, A. Ptushka, O. Chevychelova, Kharkiv National Automobile and Highway University (Ukraine)

Transport and Commercial Suburbanisation

K. Neubergová, D. Kočárková, Czech Technical University in Prague (Czech Republic)

Research on the Resource in the "Wheel-Rail" Pair during the Life Cycle of Traction Rolling Stock

L. Martseniuk, Ukrainian State University of Science and Technologies (Ukraine), **A. Severino**, University of Catania (Italy), **R. Keršys**, KTU (Lithuania), **L. Neduzha**, Ukrainian State University of Science and Technologies (Ukraine)

Research on the Resource in the "Wheel-Rail" Pair during the Life Cycle of Traction Rolling Stock

D. Yagoda, Limited Liability Company "Scientific and Production Enterprise "UKRTRANS AKAD" (Ukraine), **M. Babyak**, Lviv Polytechnic National University (Ukraine), **R. Keršys**, KTU (Lithuania), **L. Neduzha**, Ukrainian State University of Science and Technologies (Ukraine)