



International Conference
TRANSBALTICA:
Transportation Science and Technology

Conference Programme



MINISTRY OF TRANSPORT
AND COMMUNICATIONS
OF LITHUANIA



18–19 September 2025, Vilnius, Lithuania



Time (EEST, UTC+3)	18 September 2025: First Day of the Conference		
9:30 – 10:00	Welcome Coffee and Registration (Auditorium P2-156)		
10:00 – 12:00	PLENARY SESSION (<i>In-Person</i> : Auditorium P2-156) <i>Virtual Room</i> : https://liedm.zoom.us/my/transbaltica1		
	Opening Speech	🚗 Assoc. Prof. Kamilė Taujanskaitė , Vice-Dean for Research and Communications of the VILNIUS TECH Faculty of Transport Engineering	
	Welcome Speech	🚗 Prof. Olegas Prentkovskis , Dean of the VILNIUS TECH Faculty of Transport Engineering	
	<i>Plenary Session Speakers:</i> 🚗 Prof. Dr. Irina Yatskiv (Jackiva) , Chairwoman of the Transport and Telecommunication Institute Board. Topic: “ Digital Skills for a Human-Centred Mobility Future ” 🚗 Dr. Armando Carrillo Zanuy , Secretary General of the EURNEX. Topic: “ Towards FP10 - Academic Networks in European Rail Research ” 🚗 Dr. Viktor Skrickij , Director of the VILNIUS TECH Transport and Logistics Competence Centre. Topic: “ Motion Control of Multi-Actuated Ground Vehicles ”		
	12:00 – 12:30		
Break: Refreshments and Snacks (Auditorium: P2-156)			
12:30 – 14:30	PARALLEL SESSIONS (see information below)		
	<i>In-Person Section 1</i> : Auditorium P2-156 Transportation Science and Technology	<i>Virtual Room 1</i> : Combustion in Engines, Fuels and Emissions https://liedm.zoom.us/my/transbaltica2	<i>Virtual Room 3</i> : Logistics and Transportation https://liedm.zoom.us/my/transbaltica4
	<i>In-Person Section 2</i> : Auditorium P1-315 Special Section for Academic Consortium in Rail Industry https://liedm.zoom.us/my/transbaltica1	<i>Virtual Room 2</i> : Combustion in Engines, Fuels and Emissions https://liedm.zoom.us/my/transbaltica3	<i>Virtual Room 4</i> : Logistics and Transportation https://liedm.zoom.us/my/transbaltica5
	<i>In-Person Section 3</i> : Auditorium P1-309 Logistics and Transportation		
14:30 – 17:30	Tour to the <i>Auto Museum Vilnius</i> : https://automuziejus.lt/en or Tour to the <i>Railway Museum</i> : https://ltgmuziejus.lt/en/home		
18:00	Conference Dinner (Campus Cafe CONFETTI)		

Time (EEST, UTC+3)	19 September 2025: Second Day of the Conference		
9:30 – 10:00	Welcome Coffee (Auditorium: P2-156)		
10:00 – 12:00	PARALLEL SESSIONS (see information below)		
	<i>In-Person 4:</i> Auditorium P2-156 Transportation Science and Technology	<i>Virtual Room 5:</i> Vehicle Engineering and Dynamics https://liedm.zoom.us/my/transbaltica6	<i>Virtual Room 7:</i> Autonomous Vehicles and Systems, Maritime Transport https://liedm.zoom.us/my/transbaltica7
	<i>In-Person 5:</i> Auditorium P2-410 Transportation Science and Technology	<i>Virtual Room 6:</i> Railway and Road Transport, Safety and Infrastructure https://liedm.zoom.us/my/transbaltica3	
12:00	Lunch and Closing Remarks (Campus Cafe CONFETTI)		

PARALLEL SESSIONS (18 September 2025, 12:30 – 14:30)

In-Person Section 1: Auditorium P2-156 Transportation Science and Technology Chairman: Dr. Paulius Skačkauskas Co-Chairman: Dr. Michał Stosiak	In-Person Section 2: Auditorium P1-315 Special Section for Academic Consortium in Rail Industry Chairman: Prof. Gintautas Bureika Co-Chairman: MSc Paulius Kojis https://lledm.zoom.us/my/transbaltica1	In-Person Section 3: Auditorium P1-309 Logistics and Transportation Chairman: Dr. Mykola Karpenko Co-Chairman: Dr. Lijana Maskeliūnaitė
Adapting Efficient LLMs for Container Logistics: a Case Study on Few-Shot Prompt Engineering (<i>Maksim Ilin, Dmitry Pavlyuk</i>)	Gender Equality in the Railway Sector (<i>María José Bermejo-Barrero, Isabel Ruiz-Mora, Juan J. Castillo-Aguilar</i>)	Decarbonisation Potential of Road Lighting Infrastructure (<i>Piotr Jaskowski</i>)
Unmanned Aerial Vehicles in the Operations of the State Fire Service (<i>Piotr Gładysz, Konrd Mojski, Anna Borucka</i>)	New Definition of Grades of Operational and Tactical Automation in Rail Domain (<i>Jean-Valentin Merlevede, Simon Enjalbert, Frédéric Vanderhaegen, Francesco Flammini, Ronghui Liu, Ariane Wettig, Borna Abramovic, Helen Chalkia</i>)	The Dual Role of Energy Storage: Enhancing Transportation Systems and Securing Critical Infrastructure (<i>Marcin Koniak</i>)
Analysis of Friction Resistance of POM Material for Use as a Sickle Insert in an Internal Gear Pump (<i>Tadeusz Leśniewski, Krzysztof Towarnicki, Justyna Krawczyk, Grzegorz Wszelaczyński</i>)	Advances in Metal Additive Manufacturing for Use in Railway Wheels (<i>Jon Hernandez-Martinez, Javier Santamaria, Aizpea Urresti, Nekane Correa, Ernesto G. Vadillo</i>)	Sustainable Rail-Enabled Urban Logistics from the Czech Republic Perspective (<i>Dominic Kwakye Ampong, Libor Švadlenka, Tatiana Molková, Libor Bauer</i>)
Artificial Intelligence for Enhanced Bus Flow Management at Riga International Coach Terminal (<i>Vaira Gromule, Juris Pepulis, Irina Yatskiv (Jackiva)</i>)	Risk Assessment Models and Methodologies for Maglev Transportation Systems (<i>Arbra Bardhi, Stefano Ricci</i>)	Prospective Use of Unmanned Aerial Systems for the Resupply Tasks in Conditions of the Slovak Armed Forces (<i>František Gubáš</i>)
Numerical Simulation of Icing on Low Reynolds Number Airfoil Used in Small Fixed-Wing Unmanned Aerial Vehicles (<i>Bartłomiej Dziwowski, Artur Kierzkowski, Krzysztof Kaliszek, Mykola Karpenko, Michał Stosiak</i>)	Development of a Procedure for Ranking of Innovative Technologies for Decarbonization of Rail Transport (<i>Oleksandr Rohovyi, Valerii Samsonkin, Oksana Yurchenko, Gintautas Bureika, Iuliia Bulgakova</i>)	Investigation of Gantry Container Crane Transmission Dynamics During Start Process (<i>Aleksandr Vika, Marijonas Bogdevičius</i>)
Unevenness of Hydraulic Cylinder Speed and Pressure Pulsation Caused by External Mechanical Vibrations (<i>Michał Stosiak, Michał Kołodziński, Paweł Bury, Mykola Karpenko, Paulius Skačkauskas</i>)	New Generation Virtualized ERTMS for Interoperable Railway Infrastructure (<i>Domenico Uomo, Anna Lina Ruscelli, Gabriele Cecchetti, Piero Castoldi</i>)	Challenges of I4.0 Implementation in Supply Chain of the Retail Sector (<i>Donaldas Paulauskas, Aldona Jarašūnienė</i>)
Chinese Unmanned Aerial Vehicles as a Challenge to National Internal Security (<i>Piotr Gładysz, Anna Borucka, Jerzy Merkisz</i>)	Promoting Sustainable Mobility: Guidelines and Best-Practices for European Railway-Focused Doctoral Education and Research (<i>Arbra Bardhi, Stefano Ricci, Armando Carrillo Zanuy, Francesco Flammini, Borna Abramovic</i>)	Conceptual Model for the Deployment of Military Logistics Support During Flood Disasters (<i>Daniel Brezina, Jaroslav Kompan</i>)
Modeling Mode Choice to University Campus Using Discrete Choice Methods (<i>Nikola Kožul, Luka Novačko, Marjana Petrović, Karlo Babojelić</i>)	Physics-Informed Neural Networks, an Instrument for solving a 3D Wheel-Rail Interface, to Facilitate Prognostics Root Cause Analysis (<i>Alfredo Serafini, Uday Kumar</i>)	Conceptual Employment of Emerging and Disruptive Technologies in Military Mobility Support (<i>Jaroslav Kompan, Daniel Brezina, Michal Hrnčiar, Štefan Krivjanský</i>)
Specific CO ₂ Emissions Analysis in Real Driving Conditions Using Commercial Gasoline and Liquefied Petroleum Gas (<i>Alfredas Rimkus, Edward Kozłowski, Magdalena Zimakowska-Laskowska, Jonas Matijošius, Piotr Wiśninowski</i>)	Predicting Diesel Aftertreatment Efficiency Using Simulation and Machine Learning (<i>Aleksandr Šabanovič, Edgar Sokolovskij, Jonas Matijošius, Aleksandras Chlebnikovas, Artūras Kilikevičius</i>)	Developing a System for Ensuring Stable Operation of a Spark-Ignition Engine on Gasoline-Ethanol Blends at Low Temperatures (<i>Oleksandr Dobrovolskyi, Dmitrij Trifonov, Oleksander Syrota, Pavlo Marchenko, Olena Samar, Yevhenii Shuba, Jonas Matijošius</i>)

Virtual Room 1: Combustion in Engines, Fuels and Emissions Chairman: Dr. Sai Manoj Rayapureddy https://liedm.zoom.us/my/transbaltica2	Virtual Room 2: Combustion in Engines, Fuels and Emissions Chairman: Prof. Vidas Žuraulis https://liedm.zoom.us/my/transbaltica3	Virtual Room 3: Logistics and Transportation Chairman: Dr. Kristina Čižiūnienė https://liedm.zoom.us/my/transbaltica4	Virtual Room 4: Logistics and Transportation Chairman: Dr. Gabrielius Mejeris https://liedm.zoom.us/my/transbaltica5
Generation of Environmentally Hazardous Micro Particles into the Atmosphere Air by Automobile Traffic (<i>Oksana Melnikova, Valentina Iurchenko, Sergey Melnik, Leonid Bagmut</i>)	Aged LFP Electric Vehicle Battery Health Analysis Using Industrial Computed Tomography (<i>Justinas Medzevičius, Stasys Slavinskas</i>)	Automation of Transport Service Management Systems (<i>Kristina Vaičiūtė, Greta Draugelytė, Auguste Šiugždinytė, Gediminas Braziulis</i>)	Marketing, Logistics, and Artificial Intelligence Features (<i>Margarita Išoraitė</i>)
Study of Diesel Engine Fuel Consumption with the Help of a Digital Twin (<i>Oleksii Verbovskiy, Anatolii Lisoval, Hennadiy Zhuk, Valerii Verbovskiy, Anatolii Dzygar</i>)	Energy Absorption Capacity of Novel Luffa-Bioinspired Tubes for Automobile Applications (<i>Quirino Estrada, Tadeusz Majewski, Alejandro Rodriguez-Mendez, Elva Reynoso, Jesus Silva, Aztlan Bastarrachea, Francisco Enriquez, Julio Vergara</i>)	Simulation – as a Method of Studying the Logistics of Cargo Supply Chains in Transport Systems (<i>Georgii Prokudin, Maksym Roi, Oleksii Chupaylenko, Tanya Khobotnia, Irina Prokudina</i>)	Military Transport in the Conditions of the Military Forces of the Slovak Republic (<i>Miriám Karasova, Lubomír Belan, Ivan Majchút</i>)
Assessment of the Prospects for Microalgae-Derived Biodiesel in the Context of the EU's Energy and Environmental Challenges (<i>Maksym Pavlovskiy, Denys Stepankevych, Anna Yakovlieva</i>)	Features of Algorithms for Ensuring Thermal Preparation of an Internal Combustion Engine with a Rapid Warm-Up System, Exhaust Gas Heat Recovery, and a Phase-Change Heat Accumulator (<i>Mykola Bulgakov, Igor Gritsuk, Alla Lysykh</i>)	Evaluation of the Logistical Attractiveness Parameters of Rivers in the Baltic Sea Basin (<i>Vilma Locaitienė, Vytautas Dubra, Ričardas Malkus</i>)	Two-Blade UAV Propeller Simulation Case Study (<i>Mateusz Kucharski, Maciej Milewski</i>)
Scientific Review on Physical and Thermodynamic Properties Influencing Particle Dynamics (<i>Sai Manoj Rayapureddy</i>)	Development of the Engineering Information Subsystem of the Catenary Network for Trolleybuses in the City of Vilnius (<i>Vytautas Grigonis, Rima Vaicekauskaitė</i>)	Prospects for the Development of Intermodal Logistics between Lithuania and Ukraine under Hybrid Threats (<i>Liudmyla Maliuta, Vitalii Rudan, Liliya Yakymyshyn, Volodymyr Falovych</i>)	Methodology of Scenario-Based Modeling for the Transport-Oriented Evacuation of the Population of Ukraine (<i>Viktorii Nykonchuk, Igor Khitrov, Mykola Maiak</i>)
Comparative Analysis of Fuel Cells Technologies and Prospects for Their Application in the Aircraft Power Systems (<i>Vitalii Korovushkin, Sergii Boichenko</i>)	Production of High-Octane Components for Aviation Gasoline from Polymeric Waste via Pyrolysis (<i>Sergii Boichenko, Iryna Shkilniuk, Igor Kuberskyi</i>)	Airport Vulnerability Assessment Model (<i>Eva Sventeková, Michal Sibila</i>)	Application of Artificial Intelligence in Lithuania's Warehousing Sector (<i>Urtė Steponaitė</i>)
The Influence of Rock Transportation on the Variation of Road Construction Material Fractions During The Production Process (<i>Karolis Šemeta, Raimundas Junevičius</i>)	Specific Aspects of Determining the Parameters of a Phase-Change Contact Thermal Accumulator for the Engine within a Combined Heating System (<i>Igor Khudiakov, Nadiia Pohorletska, Andrii Polyvianchuk, Olena Volska, Anatoliy Kotov, Andrii Simanenkova, Artem Ivanov</i>)	Identifying and Prioritizing Collaboration Barriers and Enablers in Digital Platform Ecosystems for Business-to-Business (B2B) Logistics (<i>Danijela Tuljak-Suban, Patricija Bajec, Afroditi Stamelou, Sofoklis Dais, Georgios Barboutidis, Natalia Sobrino Vázquez</i>)	Assessing Post-War Sustainable Transport Development Scenarios in Ukraine via Freight Containerisation (<i>Olena Sokolova, Viktorii Ivannikova, Kostiantyn Cherednichenko, Ivan Ostroumov, Olha Sushchenko, Yuliya Averyanova, Maksym Zaliskyi, Oleksandr Solomentsev, Yurii Bezkorovainyi, Oleksii Holubnychyi, Borys Kuznetsov, Ihor Bovdii, Tatyana Nikitina, Roman Voliansky</i>)
Sustainable Waste Management in Aviation: Riga Airport Case Study (<i>Christy Oommen Jacob, Irina Yatskiv (Jackiva), Iyad Alomar</i>)	A Design and Optimization of The Structure of a Race Car Spatial Frame (<i>Ján Dižo, Miroslav Blatnický, Alyona Lovska, Paweł Drożdżel, Jacek Caban, Jozef Frič</i>)	Determination of the Load of a Hopper Container at Operating Modes (<i>Juraj Gerlici, Alyona Lovska</i>)	Threat to Transport Infrastructure from Unexploded Ordnance (<i>Zuzana Zvaková, Lucia Figuli</i>)
The Integration of Airplane Health Management to the Ground Handling Operations in De-Icing Case Study (<i>Rustam Togambayev</i>)	Structural-Technical Factors for Assessing the Load-Bearing Capacity of Road Bridges (<i>Ondřej Ryška, Radoslav Gandel</i>)	The Concept of Traffic Risk as a Tool for Railway Timetable Evaluation (<i>Franciszek Jozef Restel</i>)	

PARALLEL SESSIONS (19 September 2025, 10:00 – 12:00)

In-Person 4: Auditorium P2-156 Transportation Science and Technology Chairman: Dr. Viktor Skrickij Co-Chairman: MSc. Tomas Grikenis	In-Person 5: Auditorium P2-410 Transportation Science and Technology Chairman: Dr. Paulius Skačkauskas Co-Chairman: MSc. Pavel Ževžikov	Virtual Room 5: Vehicle Engineering and Dynamics Chairman: Dr. Mykola Karpenko https://liedm.zoom.us/my/transbaltica6	Virtual Room 6: Railway and Road Transport, Safety and Infrastructure Chairman: Prof. Vidas Žuraulis https://liedm.zoom.us/my/transbaltica3	Virtual Room 7: Autonomous Vehicles and Systems, Maritime Transport Chairman: Dr. Algimantas Danilevičius https://liedm.zoom.us/my/transbaltica7
IMF SWARA-ARAS Model for Solving the Location Problem in Goods Delivery (<i>Željko Stević, Eldina Huskanović, Marko Subotić, Živko Erceg</i>)	Numerical Modeling and Analysis of Composite Structure with Graded Polymer Foam (<i>Andrejs Kovalovs, Evgeny Barkanov, Pavel Akishin</i>)	Advancing Dynamic Modelling of Micro-Mobility Vehicles for Safety and Risk Analysis (<i>Mykola Karpenko, Dominykas Eičinas</i>)	Substantiation of the Rational Operation Mode of a Hybrid Powertrain of a Diesel Multiple Unit (<i>Ievgen Riabov, Liliia Overianova, Volodymyr Nescheret, Andrii Podoliak</i>)	Balancing Innovation and Risk: Safety Assessment of Smart Aviation Technologies (<i>Matus Materna, Kristina Kovacikova, Andrej Novak, Alena Novak Sedlackova</i>)
Synergy of Two Energy Sources: Hydrogen Supply System Adaptation for Gasoline-Powered Engines (<i>Saugirdas Pukalskas, Alfredas Rimkus, Romualdas Juknelevičius, Paweł Drożdżel, Andrius Ušinskas, Gabrielius Mejeris, Saulius Stravinskas, Donatas Kriaučiūnas, Tadas Vipartas</i>)	Next-Generation Supply Chain Management: Harnessing IoT for Smart Logistics and Real-Time Monitoring (<i>Pacifique Rukundo, Kristina Čižiūnienė</i>)	Modeling And Analysis of Electric Bus Energy Consumption Considering Topography and Driving Modes (<i>Valerii Dembitskyi, Viktor Samostian, Viktoriia Kotenko, Oleg Sitovsky</i>)	Integration of Digital Terrain Models in High-Speed Railway Infrastructure Design: Experience from Ukraine and Future Perspectives (<i>Evgeniya Ugnenko, Anna Shevchenko, Grygoriy Shariy, Nataliia Bielikova</i>)	Quantitative Estimation of Mid-Air Collision Risk in Controlled Airspace (<i>Oleg Ivashchuk, Ivan Ostroumov</i>)
Public Transport Data Collection and Digitization in Lithuania (<i>Rasa Ušpalytė-Vitkūnienė, Andrius Samuilovas</i>)	Microplastic Removal in Shipboard Wastewater Treatment a Literature Review (<i>Ieva Demjanenko, Ali Arshad</i>)	The Influence of Road Elements on Drivers' Psychophysio-Logical Responses, and Biometric Data Accuracy (<i>Margarita Prokopovič, Kristina Čižiūnienė</i>)	Optimization of the Space of Railway Stations, Taking into Account the Needs of Passengers (<i>Oksana Chernyshova, Aleksandr Stepanchuk, Svitlana Timkina</i>)	Evaluation of Car-Following Models for Intersection Capacity (<i>Liutauras Šuškevičius, Algimantas Danilevičius, Irena Danilevičienė</i>)
Research on the Dynamic and Hydrodynamic Processes of Aircraft Landing Gear (<i>Ugnius Lenkauskas, Marijonas Bogdevičius</i>)	Transient Finite Element Assessment of a Historical Masonry Arch Bridge under Random and Uniform Traffic Loading Patterns (<i>Emre Alpaslan, Metin Mutlu Aydın, Hüseyin Kalkan</i>)	Ergonomic Modeling of the Positive G Force on a Fighter Pilot's Work Process (<i>Nebojsa Radojković, Momcilo Dobrodolac, Olja Cokorilo</i>)	Stress-Strain State of a Geocomposite Reinforced Railway Subgrade (<i>Oleksii Tiutkin, Pavlo Ovchynnykov, Larysa Neduzha</i>)	Integration of Object Detection Algorithms with UAV Navigation Systems (<i>Roman Syzonenko</i>)
Transport Mobility of Technical University Students in the Context of Sustainable Urban Development: a Case Study of Wrocław University of Science and Technology (<i>Justyna Krawczyk, Tadeusz Leśniewski</i>)	Sustainable Urban Mobility Plan: Trabzon City Example in Turkey (<i>Metin Mutlu Aydın, Samet Ali Yıldız, Büşra Yazıcı, Fatma Şentürk Onur, Rafet Sema Semercioğlu, Meltem Şan, Hüsnü Üçüncüoğlu</i>)	Prospects for Using Biochar in Asphalt Concrete to Improve the Sustainability of Transport Infrastructure (<i>Kateryna Krayushkina, Vadym Bondarchuk</i>)	Energy-Efficient Liftgate Conforming to Trends of Transport and Logistics Decarbonization (<i>Paweł Zajac, Egidijus Dragasius</i>)	Trends and Technologies in Enhancing the Energy and Environmental Safety of Maritime Transport (<i>Iryna Honcharuk</i>)
Experience of Research on Increasing the Effectiveness of Humanitarian Underwater Demining in Ukraine (<i>Valery Strelec, Pavlo Solovjov, Ihor Soloviov, Viktor Strelets</i>)	Modeling and Static Analysis of a Piezoelectric Cantilever Beam Using Thermal analogy method (<i>Andrejs Kovalovs, Aleksejs Safonovs</i>)	Mathematical Optimization of Communication Networks Merging (<i>Andriy Sverstiuk, Oleg Lyashuk, Taras Dubyniak, Stepan Dubyniak, Aleksandra Manziy, Stanislav Andreychuk</i>)	Protection of Children During Transportation to School as Part of the Soft Target Protection Strategy (<i>Andrej Vefas, Samuel Hubočan, Katarína Kampová, Miroslav Felcan</i>)	Digital Twin Technologies for Prescriptive Maintenance of Maritime Transport: Foundations, Architectures, and Applications (<i>Andrii Holovan</i>)
Integrated Experimental and Numerical Prediction of Combustion in High-Concentration Bioethanol–Gasoline Blends in SI Engine (<i>Gabrielius Mejeris, Alfredas Rimkus, Alytis Gruodis, Jonas Matijošius, Martynas Grybauskas</i>)	AI and VPL Integration within Infrastructure-BIM Workflow: a Case Study (<i>Mattia Intignano, Pietro Serra, Salvatore Antonio Biancardo, Gianluca Dell'Acqua</i>)	Investigation of Locomotive Diesel Engine Operating Modes (<i>Gediminas Vaičiūnas, Stasys Steišūnas, Jokūbas Valiukas</i>)	Optimization of Traffic Flow Distribution on Urban Road Networks to Ensure the Sustainable Development of Urban Ecosystems (<i>Yevhen Samoilenko, Viktor Danchuk, Olena Bakulich, Viktoriia Holodenko, Serhii Taraban</i>)	The Use of AI while Presenting New Vocabulary in Maritime English Teaching (<i>Alona Yurzhenko, Olena Kononova, Alona Leshchenko</i>)
Concept of a Train Driver Assistance System Based on Front-View Image Processing (<i>Mateusz Oziębłowski</i>)	Analysis and Evaluation of the Impact of Constraints on 1435 mm Gauge "Rail Baltica" Railway General Technical Parameters (<i>Rasa Ušpalytė-Vitkūnienė, Mantas Kaušylas</i>)	Vehicle Localization Challenges in Autonomous Vehicles Using LiDAR and High-Precision Positioning Techniques (<i>Aleksandar Stjepanovic, Željko Stjepanovic, Mirko Stojic, Goran Kuzmic</i>)	Protecting the Oil and Gas Transport Infrastructure Against Military Threats (<i>Anton Makhinko, Nataliia Makhinko, Serhii Skliarenko, Dmytro Rulov</i>)	Ensuring Shift Work of Drivers in Cyclic Transport and Technological Schemes (<i>Myroslav Stefanovych Olishevych, Nazar Jaroslav Khomyn, Oleksandr Mastykash</i>)
Human Factor and Decision Making: a Concept of Shipping Safety (<i>Oleksii Reva, Volodymyr Kamyshyn, Pavlo Mamenko, Kostiantyn Kyrychenko, Larysa Saganovska</i>)	Determining Metropolitan Parameters in The Cities of the Baltic Sea region (<i>Gediminas Vaičiūnas, Jonas Matijošius</i>)			