

26th International Scientific Conference

October 1st - 2nd 2026
Osijek (Croatia)



Organized and hosted by:



BUSINESS LOGISTICS in Modern Management

CONFERENCE PROGRAM

1-2 OCTOBER 2026
OSIJEK · CROATIA

FACULTY OF ECONOMICS AND
BUSINESS IN OSIJEK

DAY 1 THURSDAY 1 OCTOBER 2026

Room 7 and Board Room

TIME	PROGRAM
09:00-09:15	Opening of the conference (Room 7)
09:15-10:15	Keynote lecture by Mr. Daniel Enache · Renault Dacia Company (Room 7) Driving Through Disruption: Challenges and Opportunities Shaping the Automotive Supply Chain
10:15-10:30	Coffee break (Board room)
10:30-11:45	Session 01 (Board room)
11:45-12:00	Coffee break (Board room)
12:00-13:45	Session 02 (Board room)
14:00 -15:00	Lunch (Glagoljica Auditorium)
15:30 - 18:00	Visit to the Belje company – start with bus in front of the School
18:00	Conference dinner at restaurant Josić, Zmajevac



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Thursday · 10:30-11:45 · Board Room · Session chair: Adam Koliński

PRESENTATION

Governing Artificial Intelligence in Logistics Operations: An Introduction to ISO/IEC 42001 for Logistics Professionals*Borut Jereb and Uroš Kramar (University of Maribor, Slovenia)***Optimization of Parcel Logistics Processes Using the Critical Path Method: A Case Study***Jozef Gašparík, Zdenka Bulková and Rudolf Kampf (University of Žilina, Slovakia)***The Role of Generative Artificial Intelligence in Enhancing Green Knowledge Management: The Mediating Role of Digital Leadership***Syed Muhammad Shariq and Roman Sperka (University of Ostrava; Silesian University in Opava, Czechia)***Technical Efficiency in Slovenian Road Freight Transport Companies: A DEA and Regression Analysis***Marjan Sternad (University of Maribor, Slovenia)***Artificial Intelligence in Transportation and Supply Chains: Economic and Operational Effects***Miljenko Mustapić, Davor Grgurević and Petra Tišler (University North, Croatia)***Artificial Intelligence Adoption and Business Performance in the EU Logistics Sector: Evidence from Short Panel Data***Ivan Kristek (J.J. Strossmayer University of Osijek, Croatia)***Visualization of Warehouse Processes with Business Intelligence Tools***Mateusz Maślanka, Damian Dubisz and Karolina Kolińska (Łukasiewicz Research Network-Poznań Institute of Technology; Poznań School of Logistics, Poland)***Data Standardisation in Container Management: Tracking, Process Optimization and AI-IoT Integration***Alexander Efimov, Mohan Saini and Petr Briš (Tomas Bata University in Zlín, Czechia; Amity University, India)***The use of AI in financial projects in the construction industry***Jędrzej Jankowski-Guzy and Weronika Sobik (Poznań School of Logistics, SGH Warsaw School of Economics, Poland)***Digital Intensity and Export Activity among SMEs in the Wholesale and Retail Sector***Marija Bečić, Matea Matić Šošić and Katija Vojvodić (University of Dubrovnik, Croatia)*

Thursday · 12:00 -13:45 · Board Room · Session chair: Borna Debelić

PRESENTATION

Assessing the Resilience of Multimodal Transport Corridors: The Role of Intermodal Terminals*Marta Waldmann and Adam Koliński (Łukasiewicz Research Network-Poznań Institute of Technology; Poznań School of Logistics, Poland)***Evaluating Port Bulk Terminal Readiness for Bulk Cargo Containerization Using Process Mapping***Marinko Maslaric, Sanja Bojić, Svetlana Nikolicic and Dejan Mircetic (University of Novi Sad, Serbia)***Strategic Development of Marine Services at Sohar Port: A Swot-based Mixed-methods Analysis***Sultan Al Mazrouai, Sana Nabati, Mehdi A. Kamran and Aleksandar Erceg (German University of Technology in Oman; Urmia University, Iran; J.J. Strossmayer University of Osijek, Croatia)***Rail Freight Market Liberalization in the Rijeka Transport Basin***Drago Pupavac, Bariša Rašić and Josip Knežević (Polytechnic of Rijeka; HŽ Infrastruktura Ltd., Croatia)***A Model-Based Technical-Economic Assessment of Logistics-Driven Optimization in Integrated Transport Systems: The Case of the Žilina Region***Lumír Pečený, Zdenka Bulková, Vladislav Zitrický and Pavol Meško (University of Žilina, Slovakia)*

Operation Of Diesel Locomotives with Various On-board Units in Service of a Selected Carrier
Oldřich Kodým, Libor Kavka, Michal Turek and Vaclav Cempírek (College of Logistics, Czechia)

The Value Chain in Modular Building: From Prefabrication to an Integrated Circular Model
Arkadiusz Kawa (Poznań University of Economics and Business, Poland)

Coordinated Environmental Transition in Port: Governance Constraints, Actor Asymmetries and Enabling Conditions
Jędrzej Chałampowicz (Gdynia Maritime University, Poland)

Environmental Process Maturity Model for Polish and Croatian Ports Under European Green Transition Pressures
Jędrzej Chałampowicz and Gorana Mudronja (Gdynia Maritime University, Poland; University of Rijeka, Croatia)

DAY 2 FRIDAY 2 OCTOBER 2026

03

SUSTAINABLE LOGISTICS, MOBILITY AND ENERGY TRANSITION

Friday · 09:30-11:15 · Board Room · Session chair: Attila Turi

PRESENTATION

Assessing Sustainability, Efficiency and Organisational Maturity in Military Waste Logistics: Evidence from Selected Czech Armed Forces Units

Hana Malachová, Markéta Pěťová and Natálie Hanáková (University of Defence, Czechia)

Toward Sustainable Demining Logistics: Autonomous Systems, Environmental Impact, and Supply Chain Resilience

Lenka Balusová, Anna Karfíková, Natálie Hanáková and Hana Malachová (University of Defence, Czechia)

The Role of the Hungarian Battery Association in the European Battery Network

Yaw Acheampong, Eszter Megyeri and Balasz Revesz (University of Szeged, Hungary)

Factors Influencing Consumer Participation in Smart Grids: A Literature Review

Noémi Piricz (Óbuda University, Hungary)

Mobility Patterns and Potential for E-Scooter Adoption in Slovenia and Croatia

Pija Soršak, Dario Babić and Tina Cvahte Ojsteršek (University of Maribor, Slovenia)

Micromobility Safety in Urban Transport Networks: Evidence from Police-Recorded Light Motor Vehicle Offences in Slovenia

Darja Topolšek, Janez Palčnik, Dario Babić and Tina Cvahte Ojsteršek (University of Maribor, Slovenia)

Sustainable Logistics and Digital Transformation: International Experience and Application in Bulgaria

Milena Filipova (Southwest University Neofit Rilski, Bulgaria)

Electromobility as a Source of Competitive Advantage within Sustainable Mobility Strategies

Patrik Richnák and Nikol Valachovičová (Bratislava University of Economics and Business, Slovakia)

Institutional (In)Efficiency as a Determinant of Sustainable Fisheries Management and Logistics – Experimental Insights

Borna Debelić, Davor Mance and Diana Mance (University of Rijeka, Croatia)



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Friday · 11:30-13:15 · Board Room · Judit Nagy

PRESENTATION

Pricing Mechanisms and Operational Sustainability in Asset-Light Road Freight Logistics: Evidence from the Estonian Market*Jelizaveta Janno and Ott Koppel (Tallinn University of Technology, Estonia) (online)***From Shared Past to Integrated Future: A Qualitative Study of Supply Chain Competence in Central Europe***Wolfram Irsa (University of Applied Sciences FH JOANNEUM, Austria)***Typology of Socioeconomic Impacts of Supply Chain Disruptions***Judit Nagy and Pavel Foltin (Corvinus University of Budapest, Hungary; Brno University of Technology, Czechia)***From Single-Site to Global Access Operations: Dacia's Supply Chain Network Redesign***Attila Turi (Universitatea Politehnica Timisoara, Romania)***Cascading Failures, Collective Responses: Rethinking Urban Supply Chain Resilience through Stakeholder Typologies***Zsófia Jámbor, Anna Freund and Judit Nagy (Corvinus University of Budapest, Hungary)***The Cost of Silence: Organisational Silence as a Hidden Risk in Logistics***Ana Globočnik Žunac, Vesna Sesar and Ivana Martinčević (University North, Croatia)***Consumer Goods Value Chains: Contractual Arrangements between Manufacturers and Retailers and their Impact on Distribution and Market***Volker Trauzettel (Pforzheim University, Germany)***Design Thinking as a Framework for Addressing Foreign Worker Employment Challenges: The Employers' Perspective***Silvija Drvarek and Ljerka Luić (University North, Croatia)*

13:15 DISCUSSION AND CONCLUSION OF THE CONFERENCE

