



The program of the CLC 2025 (2nd-4th December 2025), Esplanade Ensana Health Spa Hotel, Piešťany, Slovak Republic

2nd December 2025

FROM	TO	WHAT/WHO	WHERE
8:30	9:45	Participant Registration	Esplanade Ensana Health Spa Hotel****
10:00	10:05	Congress opening ceremony (Chairmen: Martin Straka, Radim Lenort, Jerzy Feliks)	Palace Ballroom - Esplanade Ensana Health Spa Hotel
10:05	12:00	Plenary lectures presentations (Chairmen: Peter Kačmár, Martin Straka, Radim Lenort, Jerzy Feliks)	Palace Ballroom - Esplanade Ensana Health Spa Hotel
10:05	11:00	CAGÁNOVÁ Dagmar Newton University, Prague, Czech Republic	Smart & Sustainable Pathways: Building Resilient Networks Through Global Collaboration
11:00	11:55	GRZNAR Patrik, MOZOL Štefan University of Žilina, Slovak Republic	Intelligent tool for optimizing inventory management
11:55	12:00	LENORT Radim Škoda Auto University, Czech Republic	The future organization of Carpathian Logistics Congress - CLC 2026.
12:00	13:45	Lunch Bon appetite!	Esplanade Ensana Health Spa Hotel**** restaurant
FROM	TO	WHAT/WHO	WHERE
14:00	15:30	Meeting of participants - negotiation (Chairmen: Jakub Kovalčík, Marek Ondov)	Palace Ballroom - Esplanade Ensana Health Spa Hotel
14:00	14:15	DZILSKA Zuzana University of Economics Bratislava	The impact of blackout on the supply chain patterns in the context of digitalization and shift towards e-commerce
14:15	14:30	FRANEK Jiří, ZAPLETAL František, ŠINDLEROVÁ Markéta VSB-Technical University of Ostrava	Investigation of Logistic Performance of EU Member Countries using DEA and Malmquist Productivity Index
14:30	14:45	HART Martin, PAWLICZEK Adam Moravian Business College Olomouc	The Methodics for an Inventory Management System Creation in a Company
14:45	15:00	KARKULA Marek, KRUPA Marian AGH University of Cracow	The Sm@rt BI simulation model as an innovating method of improving the management process efficiency
15:00	15:15	KOZINA Andrzej, MAŁKUS Tomasz Cracow University of Economics	3-D Negotiations within Supply Chain
15:15	15:30	NGUYEN Hung, ONOFREI George, YING Yang RMIT University, Hanoi, Atlantic Technological University: Letterkenny, Newcastle University Business School, Newcastle upon Tyne	From Certification to Reputation: Leveraging Environmental Innovations for Sustainable Success
19:00	2:00	Social evening (dress code: FORMAL) Friendly meeting	Palace Ballroom - Esplanade Ensana Health Spa Hotel

3rd December 2025

FROM	TO	WHAT/WHO	WHERE
7:00	9:00	Breakfast Bon appetite!	The restaurant of the hotel where you are staying
10:00	12:00	Poster Session (Chairmen: Martin Straka, Jerzy Feliks, Radim Lenort)	Palace Ballroom - Esplanade Ensana Health Spa Hotel
	1	BINDŽAR Peter, MARASOVÁ Daniela, BOBINICS Bohdana Technical University of Košice	Microscopic Modeling and Performance Evaluation of a Traffic Intersection Using PTV Vissim
	2	BOBINICS Bohdana, MARASOVÁ Daniela, Jr. Technical University of Košice	Simulation of a pipe conveyor in terms of design and operating parameters
	3	ČABANIKOVÁ Lucia, AMBRIŠKO Ľubomír, BOKŠA Peter Technical University of Košice	Multi-criteria analysis and evaluation of maintenance of forklift trucks with different types of drive
	4	ČULÍK Kristián, KALAŠOVÁ Alica, HRUDKAY Karol University of Žilina	Economic Efficiency of Electric Vehicles in Courier Services: A Case Study from Slovakia
	5	DOHN Katarzyna, PRZYBYLSKA Edyta, KRAMARZ Marzena Silesian University of Technology, Gliwice	Comparative assessment of the impact of logistics on the quality of life in cities in the Silesian Province
	6	FIDLEROVÁ Helena, HIRT Martin, MANDÁKOVÁ Martina, HRABLIK CHOVANOVÁ Henrieta Slovak University of Technology in Bratislava, Trnava	Conceptual Framework for Sustainable Integration of AI-Supported Project Management and Immersive Employees Education in Logistics
	7	FIDLEROVÁ Helena, ŽITNÁKOVÁ Tamara, SULYOK Tomáš, MAKYŠOVÁ Helena Slovak University of Technology in Bratislava, Trnava	Automation of Inbound Material and Information Flow: AI-Based Optimization of Weighing, Sampling, and Storage Processes in Logistics
	8	GDOWSKA Katarzyna AGH University of Cracow	A Hierarchical Optimization Framework for Behavior-Aware E-Waste Collection
	9	GIEL Robert, DĄBROWSKA Alicja Wrocław University of Science and Technology	Eye-tracking study of manual waste sorting in reverse logistics systems
	10	GLOVA VÉGSŐOVÁ Olga Technical University of Košice	Adaptive Reclamation Logistics Driven by the RQI Index for Efficient Material, Equipment and Time Planning
	11	HRUDKAY Karol, PALČÁK Michal, ČULÍK Kristián, BURIAN Jaroslav, MACKŮ Karel University of Žilina, Palacký University Olomouc	Road Safety in Urban Environments: Perception Map versus Data Analysis – The Žilina Case Study
	12	JANIKOVIČOVÁ Sabina, BARTEKOVÁ Mária Bratislava University of Economics and Business	Hydrogen Highways and Carbon Cuts: Comparative Assessment of Hydrogen Infrastructure Deployment and CO ₂ Emissions Reduction in Europe
	13	KAČMÁRY Peter, KOVALČÍK Jakub, KLEINOVÁ Kristína, STRAKA Martin Technical University of Košice	Optimization of inter-facility transport using the Tecnomatix Plant Simulation tool
	14	KLEINOVÁ Kristína, KAČMÁRY Peter, STRAKA Martin, KOVALČÍK Jakub Technical University of Košice	Artificial Intelligence in Logistics: Current State, Application Opportunities, and Future Development
	15	KOVALČÍK Jakub, STRAKA Martin, KAČMÁRY Peter, ONDOV Marek Technical University of Košice	Education and Innovation in Logistics: Experimental Optimization Using Robotic Systems
	16	KŠIAŽEK Roger AGH University of Cracow	Improving order-picking sustainability
	17	KŠIAŽEK Roger, ŁYSZCZAN Weronika, KRAWIEC Klaudia, GDOWSKA Katarzyna, WOŹNIAK Aleksander AGH University of Cracow	Energy Cost Optimization as a Strategic Element of Operational Planning in Rental Property Networks
	18	LENORT Radim, WICHER Pavel, MALČÍK Tomáš, BURCHART Dorota Škoda Auto University, Mladá Boleslav, Silesian University of Technology	Circular Economy Concept for 3D Printing in an Industrial Environment: Process Analysis and Life Cycle Assessment



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10:00	12:00	Poster Session (Chairmen: Martin Straka, Jerzy Feliks, Radim Lenort)	<i>Palace Ballroom - Esplanade Ensana Health Spa Hotel</i>
	19	LOHNISKÝ Dominik, DAVID Jiří, FÁBRY Jan ELDEMA s.r.o., Škoda Auto University, Mladá Boleslav	Application of Artificial Intelligence Methods in Logistics: Solving the Traveling Salesman Problem Using Genetic Algorithms
	20	LORENC Augustyn, KUŹNAR Małgorzata Amatu Sp. z o.o., Cracow	Integration of the Internet of Things and Machine Learning in the Monitoring and Optimization of the Cold Supply Chain
	21	MADLEŇÁK Radovan, MADLEŇÁKOVÁ Lucia, HRUDKAY Karol University of Žilina	Optimization of Shared Parcel Locker Locations for Sustainable Last Mile Delivery: Case Study of Žilina Region
	22	MADLEŇÁK Radovan, MADLEŇÁKOVÁ Lucia, HRUDKAY Karol, MALACKÝ Peter University of Žilina	Data-Driven Optimization of Regional Postal Distribution Networks: A Case Study from Slovakia
	23	MARASOVÁ Daniela, BINDZÁR Peter, BOBINICS Bohdana Technical University of Košice	Comparative analysis of different types of sensors for the conveyor belt of a pipe conveyor
	24	MUCHOVÁ Patrícia, ŠADEROVÁ Janka Technical University of Košice	ABC Analysis as a Tool for Effective Inventory Management in Logistics
	25	ONDOV Marek, KLEINOVA Kristína Technical University of Košice	Investigation of Process Inefficiencies in Eyeglasses Manufacturing
	26	PAŠKA Martin, STRAKA Martin Technical University of Košice	Mutual coordination of material, information and financial flows between production and distribution within the international logistics chain
	27	PEKARČIKOVÁ Miriam, TREBUŇA Peter, KLIMENT Marek, KRONOVÁ Jana Technical University of Košice	Experimental modelling and simulation of production and logistics systems in Testbed 4.0
	28	POPLAWSKI Łukasz, DZIEKAŃSKI Paweł Cracow University of Economics, Jan Kochanowski University of Kielce	Linear infrastructure as a foundation for local resilience in the context of singular growth center development
	29	STRAKA Martin, KLEINOVA Kristína, KOVALČÍK Jakub, KAČMÁRY Peter Technical University of Košice	Basic elements of a micrologistics model in the form of the ExtendSim simulation system
	30	ŠADEROVÁ Janka Technical University of Košice	Assessment of the circulation of empty packaging and proposal of a solution for their storage
	31	ŠIMONOVÁ Timea, MALINDŽÁKOVÁ Marcela Technical University of Košice	Implementation of the SIPOC method to improve customer service
	32	TCHÓRZEWSKA-CIEŚLAK Barbara, GIEL Robert, SZPAK Dawid, WERBIŃSKA-WOJCIECHOWSKA Sylwia, ŻYWIĆ Jakub Wrocław University of Science and Technology, Rzeszow University of Technology	Comparative Analysis of Distance-Based and Population-Balanced Clustering Methods for Enhancing the Resilience of Urban Water Supply Systems
	33	WERBIŃSKA-WOJCIECHOWSKA Sylwia Wrocław University of Science and Technology	Integrating Digital Maturity and Resilience Assessment in Wood-Based Supply Chains Using Fuzzy Logic
12:00	12:30	Poster Session Award Ceremony (Chairmen: Martin Straka, Jerzy Felix, Radim Lenort) Awards for the best posters	<i>Palace Ballroom - Esplanade Ensana Health Spa Hotel</i>
12:30	14:30	Lunch Bon appetite!	<i>Esplanade Ensana Health Spa Hotel**** restaurant</i>
		WHAT/WHO	WHERE
14:30	15:30	Meeting of participants - negotiation (Chairmen: Marek Ondov, Jakub Kovalčík)	<i>Palace Ballroom - Esplanade Ensana Health Spa Hotel</i>
14:30	14:45	HOLMAN David, HEROUT Lukáš, DOLEJŠOVÁ Venuše Škoda Auto University, Mladá Boleslav	From Fragmented to Unified: Digital Platforms for Supply Chain Management that Respects the Reality
14:45	15:00	HORIZRAL Lukáš, RUSNÁK Peter, GALLIK Roman, LENÁRTOVÁ Zuzana, KOŽEJ Tomáš Technical University of Košice	Circular Logistics of Electric Vehicle Batteries: Reverse Flow and Fire Risk Management
15:00	15:15	MUCOWSKA Magdalena, KIBA-JANIÁK Maja Wrocław University of Economics and Business, Jelenia Góra	Network Relations Between Local Authority and Courier Companies in Implementing Last-Mile Delivery Solutions in Wrocław
15:15	15:30	ZAPLETAL František, LENORT Radim, WICHER Pavel VSB - Technical University of Ostrava, Škoda Auto University, Mladá Boleslav	Optimal portfolio of suppliers with different urgency regimes
14:45	16:30	Accompanying Program - Spa Excursion	<i>Irma Health Spa</i>
19:00	0:00	Discussion mix Party (dress code: UNFORMAL) Friendly meeting	<i>Palace Ballroom - Esplanade Ensana Health Spa Hotel</i>

4th December 2025

FROM	TO	WHAT/WHO	WHERE
7:00	9:00	Breakfast Bon appetite!	<i>The restaurant of the hotel where you are staying</i>
10:00	12:00	Accompanying Program - Spa Excursion	
12:00	14:00	Conference Closing - Lunch Bon appetite!	<i>Palace Ballroom - Esplanade Ensana Health Spa Hotel</i>

Additional information:

Accommodation check-out until 11:00