

Wednesday, February 25		Thursday, February 26		Friday, February 27	
MZH 1470		MZH 1460		MZH 1470	
10:00	Welcome, Herbert Kopfer				
10:15	Keynote: Julia Arlinghaus, University of St.Gallen Beyond Rationality: Behavioral Decision-Making in Production and Supply Chain Planning				
11:15	Break				
11:35	Paul Päppler A Semi-Integrated Approach for Combined Railway Circulation and Shift Planning	Rebecca Cristin Klaue The Potential Effects of Boredom at Work: Boredom in Blue-Collar Retail Logistics			
12:00	Contributed Talk: Sanghita Bose, Annick Lesme, Julia Arlinghaus, Marc-Thorsten Hütt Just in time vs. all in sync: An analysis of two types of synchronization in a minimal model of machine activity in industrial production	Caroline Friederike Ihloff, Jonas Stein, Abdolkarim Sadrieh and Martin Wolf Ulmer Exchanging Patients in Home Healthcare Routing			
12:25	Contributed Talk: Xiao Liang and Shu Zhang and Martin Ulmer Dynamic Delivery Radius Adjustment in on-Demand Delivery	Contributed Talk: Daniel Djerdj and Matthias Klumpp Evaluating Organizational Efficiency Using Human Resource Measures and Service Performance Indicators: A Last-Mile DEA Analysis			
12:50	Break				
14:05	Kristin Müller and Jens Heger Discrete event simulation as an enabler for resilient production planning	Janith Mohottige and Reiner Jedermann Adaptive transmission rate for efficient wireless monitoring of logistic chains			
14:30	Lia Bender, Anna-Kristin Behner and Julia Arlinghaus Shared Resources, Reduced Risks: The Role of Resource Sharing as Pathway to Production Resilience	Sara Perotti, Luca Cannava and Alessia Santarsiero How to prioritize investments in green warehousing? A framework to balance emission reduction and payback time			
14:55	Contributed Talk: Justin Hüemann and Katharina Berendes, Maik Hammerschmidt, Glenn Richey and Matthias Klumpp Resilience Management in Retail Logistics	Alessandro Peris, Maurizio Faccio, Irene Granata, Alessandro Persona and Meng Yang Performance analysis of a robotized H-AMR warehousing system considering different product turnover			
15:20	Break				
15:50	Yunqi Huang, Nishith Chennakeshava, Alexis Caras, Vlastislav Neverov, Wei Liu, Aske Plaat A Benchmark Study of Deep Reinforcement Learning Algorithms for the Container Stowage Planning Problem	Lara Kuhlmann, Markus Pauly and Michael Homuth Understanding Multi-Channel Demand: Distribution Patterns and Marketing Impacts			
16:15	Contributed Talk: Sameh Haneyah Online Scheduling of Automated Stacking Cranes in Container Terminals	Agata Cieliczko, Wei Liu and Yingjie Fan Enhancing Car-Sharing Efficiency: Incentives and Situational Factors in Vehicle Relocation			
16:40	Contributed Talk: Bart Zondervan and Stefan Hougaard On Recent Improvements to Bottom-Left-Based Strip Packing Algorithms	Contributed Talk: Eko Pujiyanto, Asti Widuri A Novel Framework for Ergonomic Customization and Quality Enhancement of Hearing Aid Earmolds Using Sustainable FDM 3D Printing and Multi-Objective Optimization Using NSGA II and TOPSIS			
17:05	Get Together & Lab Tours & Demonstrations, BIBA				
9:30		Keynote: Frank Meisel, Universität zu Kiel Logistics Optimization for Large-Scale Removal and Storage of Carbon Dioxide			
10:30	Break				
10:50	Salem Bisenebit, Behshad Azizian, Ega Rudy Graha and Hendro Wicaksono Benchmarking Causal Discovery Algorithms in Electric Vehicle Diagnostics	Kaushik Ravi, Jürgen Weigell and Carlos Jahn A Novel Approach to Calculate Fuel Consumption of Offshore Wind Operation and Maintenance Vessels Using AIS Data			
11:15	Paul Juwig, Marvin Kastner and Carlos Jahn An AIS-based Analysis of the Transfer of Maritime Pilots	Jakob Becker, Andrea Bommert and Markus Pauly A Comparative Analysis of Prediction Intervals for Forecasting in the Recycling Sector			
11:40	Contributed Talk: Tamar Gugushvili Integrating Electronic Bills of Lading and Vessel Tracking for Maritime Transparency	Contributed Talk: Ahmed Khechen Development of a Multi-Criteria Allocation Framework for Components with Complex Dependencies in Large-Scale Production Networks			
12:05	Break				
13:20	Maria Serveto Font, Kil Young Lee, Tu-Anh Fay, Sangyoung Park and Frank Straube Enhancing Freight Transport Efficiency in Germany Through Multimodal Route Optimization	Anita Clara Notarianni and Matthias Klumpp Maintenance 5.0 – A Literature and XR Experiment Review for Logistics and Supply Chain Implications			
13:45	Contributed Talk: Nicole Schröder, Merlin de la Haye, Pascal Lenzner, Daniel Schmand Decentralized Formation of Logistics Networks	Contributed Talk: Florian Blesch Cognitive Logistics Systems: Spatial and Edge AI for Context-Aware Decision Making			
14:10	Contributed Talk: Maximilian Stahlberg Constructing Ancient Road Networks	Contributed Talk: Shiva Darabi, Marco Mandolfo, Sachit Kavinda Magammanage, Sajith Shooftari, Anita Notarianni and Matthias Klumpp Shelf Organization 5.0 - Human-centric Salience and Picking Process Analysis in Store and Warehouse Settings			
14:35	Break				
15:00	Pia Neumann, Jan Fischer and Axel Wagenitz A Multi-LLM Approach for Supply Chain Risk Assessment	Till Becker and Agron Nesiraj Autonomous Drone-based Inspection of Port Infrastructure: Regulatory, Technical, and Economic Perspectives in Germany			
15:25	Contributed Talk: Shiyu Guo Optimization of Investments and Operations for Green Hydrogen Supply Chains with Salt Cavern Storage	Contributed Talk: Manuel Wehner "Much Ado About Nothing": Can Stakeholder Recommendations Resolve Regulatory Uncertainty and Underinvestment in Autonomous Airport Ground Handling Operations?			
	Departure to City Center				
	17:00 Guided City Tour 17:00 Mathematical Tour 17:45: Guided Tour Wine Cellar				
19:00	Conference Dinner				

Conference End approx. 14.30 h