

11h International Scientific Symposium on Logistics (ISSL) "Coping with Shortages and Disturbances", Dresden, June 19-20, 2023

Monday, June 19, 2023 11 a.m. to 5 p.m.	International PhD Candidates Workshop, Chairs of Session: Eric Ballot and Arne Heinold	
5 p.m. to 6 p.m.	Get-Together and time to visit the exhibition	
Full Conference	Festsaal Main Hall (second floor)	
Monday, June 19, 2023, 6 p.m. to 8 p.m.	A1 - 6 p.m. Opening (Kai Furmans, Thorsten Schmidt, Christoph Meyer)	
	A2 - 6.20 p.m. Key Note: „Autonomous Trucking: Vision, Current State, and Challenges“, Axel Gern, Managing Director, Torc Europe GmbH, Stuttgart	
	A3 - 7.00 p.m. Panel discussion "Coping with Shortages and Disturbances", Chair of Session: Bernd Hellingrath ; Panel: Julia Arlinghaus , Bill Ferrell , Jennifer Pazour , Stephan Wagner	
	A4 - 7:45 p.m - organ concert by Prof. Martin Stroh�acker in the church hall of the Dreik�nigskirche	
8 p.m. to 11 p.m.	Networking Event (first floor: Speisesaal Dining Hall)	
Parallel Tracks	Festsaal Main Hall (second floor)	kleiner Saal Small Hall (second floor)
	B1: Planning and Forecasting	B2: Transport Optimization I
Tuesday, June 20,2023, 9 a.m. to 10.30 a.m. 1,5 h net.	Chair of Session: J.David Porter ; Uwe Clausen (Index-Based Pricing Models in Strategic Freight Procurement), Mathias Kuehn (Workforce Rostering for Tomorrow's Industry: The Workforce Scheduling Dilemma in De-centrally Controlled Production Systems), Matthias Klumpp (The Price of Resilience: The Case of Retail Logistics)	Chair of Session: Hartmut Zadek ; Carlos Jahn (Delay Monitoring in Liner Shipping – Increasing the Transparency of Maritime Supply Chains), Anne Lange (Analyzing Uncertainty in Air Cargo Turnaround Times), Laura Doerr (A Digital Measuring and Pack Planning System for Large Transport Assets)
10.30 a.m. to 11 a.m.	Coffee Break and time to visit the exhibition (first floor: Speisesaal Dining Hall)	
Parallel Tracks	Festsaal Main Hall (second floor)	kleiner Saal Small Hall (second floor)
	C1: Data Analytics and Modelling	C2: Transport Optimization II
Tuesday, June 20, 2023 11 a.m. to 12.30 p.m. 1,5 h net.	Chair of Session: Michael Freitag ; Benjamin Nitsche (Digital supply chain twins in practice: outlining the technological and organizational requirements for successful implementation), Jettarat Janmontree (Development of an ETL-Pipeline for automatic sustainability data analysis), Michael Schmidt (Digital Continuum in Logistics – Challenges and Solutions),	Chair of Session: Anne Lange ; Ralf Elbert (The Transcaspien Route – Current Developments and Challenges), Benjamin Bierwirth (Digital Twin of the Air Cargo Supply Chain), Hanno Friedrich (Analysis of the German intermodal rail freight market in the European context)
12.30 p.m. to 1.30 p.m.	Lunchen and time to visit the exhibition (first floor: Speisesaal Dining Hall)	
Parallel Tracks	Festsaal Main Hall (second floor)	kleiner Saal Small Hall (second floor)
	D1: Intralogistics	D2: Urban Logistics
Tuesday, June 20, 2023 1.30 p.m. to 3 p.m. 1,5 h net.	Chair of Session: Thorsten Schmidt ; Ren� de Koster (Assigning destinations to drop-off points in robotic sorting systems), Marcel M�ller (A Framework for Applying Reinforcement Learning to Deadlock Handling in Intralogistics), Johannes Fottner (An Approach to Data-Based Standardization of Automatic Miniload Warehouses)	Chair of Session: Uwe Clausen ; Christoph von Viebahn (Integration of Passenger and Freight Transportation using Autonomous Shuttles: A Simulation Study on sustainability-related KPIs), Maximilian Engelhardt (Machine Learning-based Cost Estimation for Urban Logistics Concepts), Stephan Seeck (Development and Test of a Low Emission Urban Delivery System)
3 p.m. to 3.15 p.m.	Short Coffee Break and time to visit the exhibition (first floor: Speisesaal Dining Hall)	
Full Conference	Festsaal Main Hall (second floor)	
Tuesday, June 20.2023, 3.15 p.m. to 3.30 p.m.	E1 Key take aways of the two streams and E2 Closing (Kai Furmans, Thorsten Schmidt)	
3.30 p.m. to 4 p.m.	Farewell-Coffee (first floor: Speisesaal Dining Hall)	