

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

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