

from	to	Track	Lecture Title	Session Chair	Track	Lecture Title	Session Chair	
9:00 AM	9:20 AM	Opening: Thorsten Schmidt / Kai Furmans						
9:20 AM	10:00 AM	Keynote, Dirk Helbing: Solving Sustainability Problems: Lessons Learned in Transport and Logistics						Thorsten Schmidt /Kai Furmans
10:00 AM	10:20 AM	Track A1	Behavioral Issues in Automated Warehouses: Unifying Framework and Research Agenda (Alexander Hübner)	Thorsten Schmidt	Track B1	Cloud Material Handling System. Concept Development and Preliminary Performance Analysis (Fabio Sgarbossa)	Kai Furmans	
10:20 AM	10:40 AM		Evaluation of an Autonomous Handling System for Improving the Process Efficiency of Container Unloading (Michael Freitag)			Future Potentials of Circular Logistics – an SME Case Study Approach (Johannes Fottner)		
10:40 AM	11:00 AM		Planning and Optimization of Inhouse Transport Processes (Uwe Wenzel)			Platform Concept for Shared E-Grocery Reception: A Simulation Study (Christoph von Viebahn)		
11:00 AM	11:20 AM	Short Break						
11:20 AM	12:00 PM	Keynote, Nils Boysen: E-commerce warehousing: Order fulfillment in modern retailing						Anne Lange / René de Koster
12:00 PM	12:20 PM	Tranck A2	Optimization of Last-Mile Parcel Consolidation From an Economic and Ecological Perspective (Stephan Seeck)	René de Koster	Track B2	Supply Chain Analytics: Application Areas and Industrial Adoption (Bernd Hellingrath)	Anne Lange	
12:20 PM	12:40 PM		Key Requirements und Concept for the Future Operations Control Center of Automated Shuttle Buses (Hartmut Zadek)			Predictions of Disruptions in Multi-Modal Transport Chains Using Artificial Intelligence (Frank Straube)		
12:40 PM	1:00 PM		Cost-Optimal Truck-and-Robot Routing for Last Mile Delivery (Manuel Ostermeier)			How Usage Control Fosters Willingness to Share Sensitive Data in Inter-Organiza-tional Risk-Management Processes of Supply Chains (Sebastian Opriel)		
1:00 PM	2:00 PM	Lunch Break						
2:00 PM	2:40 PM	Keynote, Michael ten Hompel: Silicon Economy – The Autonomous Ecosystem of Logistics						Bernd Hellingrath/Michael Freitag
2:40 PM	3:00 PM	Track A3	How Much Value do Consumers put on Environmental Sustainability When Choosing Last-Mile Delivery (Stanislav Chankov)	Bernd Hellingrath	Track B3	On Broken Promises: A Study on how Supply Chain Governance Mechanisms Help Rebuild Consumers' Broken Psychological Contracts (Julia Hartmann)	Michael Freitag	
3:00 PM	3:20 PM		City Crowd Logistics (Oliver Kunze)			A Pickup and Delivery Process with an Auction-Based Exchange Mechanism for Time Windows (Ralf Elbert)		
3:20 PM	3:40 PM		Dynamic Vehicle Allocation and Charging Policies for Shared Autonomous Electric Vehicles (René de Koster)			The Challenges of Textile Collection and Suggestions for an Innovative Data Framework Towards a Sustainable Textile Circular Economy (Markus Muschkiet)		
3:40 PM	4:00 PM	Key take aways of the ISSL2021 (Thorsten Schmidt) and Closing (Kai Furmans)						