

Agenda - 4th ICPLT 2019 Dortmund

March 27th, 2019

Venue: TU Dortmund University - Seminarraumgebäude I (SRG I) - Friedrich-Wöhler-Weg 6, 44227 Dortmund

Time	Session	Topic	Session	Topic
12:00	Room C	Coffee Reception		
12:30	Room A	Welcome <i>Prof. Dr.- Ing. Uwe Clausen - TU Dortmund University</i>		
13:00	Room A	Keynote: State of the Art and Practice of Urban Freight Management <i>Dr. Sanchez-Diaz - Chalmers University of Technology</i>		
13:40	Room A	Simulation of an Optimized Last Mile Parcel Delivery Network Involving Delivery Robots <i>Prof. Dr.-Ing. Uwe Clausen</i> <i>TU Dortmund University</i>		
14:15	Room C	Coffee Break		
14:45	Session Chair: Room A	Prof. Dr. Herbert Meyr	Session Chair: Room B	Prof. Dr.-Ing. Manfred Boltze
15:20	Policy & Human Factors	Acceptance of Technology Implementation in Industrial Intralogistics <i>Martin Eisenmann, M.A.</i> <i>Alfredo Virgillito, M.A.</i> <i>Sozialforschungsstelle Dortmund</i>	Autonomous Trucks	Automated Trucks in Road Freight Logistics: The User Perspective <i>Dr.-Ing. Stephan Müller</i> <i>German Aerospace Center (DLR)</i>
		Premises for Truck Sharing in General Cargo Cooperatives – an Exploratory Case Study Research <i>Victor B. Wildhaber, M.A.</i> <i>University of St. Gallen</i>		The Impact of Driverless Vehicles on Transportation Costs in Road Haulage: A System Dynamical Approach <i>Sandra Lunkeit, M.Sc.</i> <i>Hamburg University of Technology</i>
16:00	Room C	Coffee Break		
16:20	Session Chair: Room A	Prof. Anne Meyer	Session Chair: Room B	Prof. Dr. Tone Lerher
16:55	Simulation & Optimization in Production and Logistics	Stack Shuffling Optimization of Steel Bars by Using Genetic Algorithms <i>Jakob Marolt, M.Sc.</i> <i>University of Maribor</i>	Intralogistics & Logistics Facilities	Standard Designs for Multifunctional Small and Medium-sized Transshipment Sites <i>Prof. Dr.-Ing. Dirk Bruckmann</i> <i>Rhine-Waal University of Applied Sciences</i>
		An Approach for Reducing the Search Space for Simheuristics Applications in Logistics Networks in Trading <i>Majsa Ammouriouva, M.Sc.</i> <i>TU Dortmund University</i>		A Survey on the Potentials of Indoor Localization Systems in Production <i>Carina Mieth, M.Sc.</i> <i>TRUMPF Werkzeugmaschinen GmbH + Co. KG</i>
17:30	Room B	WCTRS Meeting - all interested conference participants are invited <i>Prof. Dr.-Ing. Ralf Elbert - Chair of WCTRS Special Interest Group B3 "Intermodal Freight Transport"</i>		

19:30	Dinner Reception <i>Venue: "Dortmunder U" - Restaurant VIEW - Leonie-Reygers-Terrasse, 44137 Dortmund</i>			
20:00	Dinner Speech <i>Prof. Dr. Michael Henke - TU Dortmund University</i>			
	Conference Dinner & Dinner Show			

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Time	Session	Topic	Session	Topic
08:30	Room C	Coffee Reception		
09:00	Room A	Keynote: Virtualization and Bio-intelligent Eco-Systems in Logistics Prof. Dr. Dr. h.c. Michael ten Hompel - TU Dortmund University		
09:40	Session Chair: Room A	Prof. Dr. Ralf Elbert Decoupling the Modeling of Actions in Logistics Networks from the underlying Simulations Data Model <i>Dipl.-Inf. Dominik Schmitt</i> <i>TU Dortmund University</i>	Session Chair: Room B	Prof. Dr.-Ing. Uwe Clausen Realization of ETA Predictions for Intermodal Logistics Networks Using Artificial Intelligence <i>Peter Poschmann, M. Sc.</i> <i>Dipl.-Ing. Manuel Weinke</i> <i>Kühne Logistics University – KLU</i>
10:15	Simulation & Optimization in Production and Logistics	Agent-Based Simulation in Logistics and Supply Chain Research: Literature Review and Analysis <i>Marc Kirberg, M.Sc</i> <i>TU Dortmund University</i>	Maritime & Rail Transport	Assessment of the topology and efficiency of a railway network: The case of Deutsche Bahn <i>Arunava Putatunda, M. Sc.</i> <i>Rhine-Waal University of Applied Sciences</i>
10:50	Room C	Coffee Break		
11:15	Session Chair: Room A	Prof. Dr. Barbara Lenz Between Illusion and Reality: The Feasibility of the German Climate Agenda in Freight <i>Prof. Dr. Hanno Friedrich</i> <i>Prof. Dr. Alan McKinnon</i> <i>Kühne Logistics University – KLU</i>	Session Chair: Room B	Prof. Dr.-Ing. Bert Leerkamp Forecast of Transport Demand Effects of Longer Trucks in Germany <i>Dipl.-Geogr. Robert Burg</i> <i>SSP Consult Beratende Ingenieure GmbH</i>
11:50	Policy & Human Factors	Influence of a Reasonable Allocation of Pallets in the Pallet Exchange System <i>Prof. Dr. Ralf Elbert</i> <i>Roland Lehner, M.Sc</i> <i>Technische Universität Darmstadt</i>	Freight Transport & Demand Modelling	Evaluation of the European Road Freight Market for Longer & Heavier Vehicles on the Long Haul and Conclusions to New Vehicle Concepts <i>Jan Blechschmidt, M.Sc.</i> <i>German Aerospace Center (DLR)</i>
12:30	Room C	Lunch Break		
13:30	Session Chair: Room A	Prof. Dr. Michael Henke Urban Factories – Identification of Measures for Resource-efficient Integration of Production Systems in Cities <i>Dipl.- Ing., M.Arch Michael Bucherer</i> <i>Technische Universität Braunschweig</i>	Session Chair: Room B	Prof. Dr. Hanno Friedrich Strategic Transport Forecast Feedback - Approach between a Macroscopic Extrapolation and a Microscopic Transport Simulation <i>Dr.-Ing. Carina Thaller</i> <i>German Aerospace Center (DLR)</i>
14:05	Production, SCM & Maintenance	Implementation of Public Supply Chain Management: A Case Study of the Nelson Mandela Bay Municipality in South Africa <i>Prof. Chengezai Mafini</i> <i>Vaal University of Technology</i>	Freight Transport & Demand Modelling	Delivery and Shipping Behaviour of Commercial Clients of the CEP Service Providers - A Descriptive Analysis <i>Lara Papendorf, M. Sc.</i> <i>German Aerospace Center (DLR)</i>
14:40	Room C	Coffee Break		
15:00	Session Chair: Room A	Dr.-Ing. Christoph Besenfelder Complexity-oriented Evaluation of Production Systems for Online-switching of Autonomous Control Methods <i>Daniel Müller, M.Sc.</i> <i>TU Dortmund University</i>	Session Chair: Room B	Prof. Dr.-Ing. Uwe Clausen Reliable Power Supply for Smart Telematics in Freight Vehicles <i>Anadi Shankar Jha, B. Tech.</i> <i>Delhi Technological University</i>
15:35	Production, SCM & Maintenance	Using the Digital Shadow for a Prescriptive Optimization of Maintenance and Operation <i>Prof. Dr. Raphael Pfaff</i> <i>Fachhochschule Aachen</i>	Sustainable Logistics & Energy	Liquid Petroleum Gas Supply Chain Challenges in Rural Medical Facilities in Zimbabwe <i>Prof. Chengezai Mafini</i> <i>Vaal University of Technology</i>
16:15	Room A	Closing Remarks <i>Prof. Dr.- Ing. Uwe Clausen - TU Dortmund University</i> <i>Prof. Dr. Ralf Elbert - Technische Universität Darmstadt</i>		