



Wednesday, 22 September

09:00 **Welcome Keynote**

"MOZART" Project

» Isabel Schwende

10:00 **Coffee Break**

10:30 **Session 2: Innovation and Technology Management I**

Chaired by: Mr. Dennis Meyer

10:30 **Logistics Innovation and Integration: Impact on Supply Chain Adaptability**

» [Mrs. Sara Siddig Ali Abdalla](#)

10:45 **Busdriver's technology acceptance of advanced driver assistance systems**

» [Prof. Tim Gruchmann](#), Dr. Nadine Pratt, Prof. Axel Salzmann

11:00 **Digitization of the Car: Impact on Automotive Logistics**

» [Mr. Daniel Fruhner](#), Prof. Katja Klingebiel

11:15 **Exoskeletons: Productivity and Ergonomics in Logistics – A Systematic Review**

» [Mr. Victor Kaupe](#), Prof. Carsten Feldmann, Prof. Heiko Wagner

10:30 **Session 2: Business Analytics I**

Chaired by: Prof. Kathrin Fischer

10:30 **A Robust Berth Allocation Optimization Procedure Based on Machine Learning**

» [Mr. Lorenz Kolley](#), Mr. Nicolas Rückert, Prof. Kathrin Fischer

10:45 **A typology of cooperation willingness by truck companies in hinterland logistics**

» [Mr. Lukas Jungjohann](#), Ms. Pauline Reinecke, Prof. Thomas Wrona, Mr. Nicolas Rückert, Prof. Kathrin Fischer

11:00 **Optimization of container transportation in port hinterland with trucks - Approaches to cooperation**

» [Mr. Nicolas Rückert](#), Prof. Kathrin Fischer, Ms. Pauline Reinecke, Prof. Thomas Wrona

11:15 **What are the Main Drivers of Customer Satisfaction with Waste Disposal Services in Germany? A PLS-SEM Approach**

» [Mr. Torsten Mischel](#), Ms. Svenja Damberg

10:30 **Session 2: Supply Chain Risk and Security Management I**

Chaired by: Mr. Johannes Schnelle

10:30 **Simultaneous Treatment of Risk and Resilience**

» [Dr. Sandra König](#)

10:45 **Exploring Supply Chain Risk Governance Mechanisms**

» [Ms. Victoria Ahlqvist](#), Prof. Marianne Jahre, Prof. Andreas Norrman

11:00 **Disruptions and exception handling in Food Supply Chains**

» [Mr. Jonas Koreis](#), Mr. Dominic Loske, Dr. Joachim Schmidt, Dr. Matthias Klumpp

11:45 **Lunch Break**

12:45 **Session 3: Advanced Manufacturing and Industry 4.0 I**

Chaired by: Mr. Victor Kaupe

12:45 **How to apply Artificial Intelligence in the Additive Value Chain: A Systematic Literature Review**

» [Mr. Martin Brylowski](#), Mrs. Lea-Sophie Schwieger, Mr. Ayman Nagi, Prof. Wolfgang Kersten



Continued from **Wednesday, 22 September**

- 13:00 **Parametric Selection of Hybrid Parts for Additive Manufacturing**
» [Mr. Michael Schöppe](#), Dr. Kaj Fuehrer
- 13:15 **Framework for indicator-based, sociotechnical project risk monitoring**
» [Mr. Philipp Gauß](#), Dr. Matthias Parlings
- 12:45 **Session 3: City Logistics I**
Chaired by: Mrs. Ann-Kathrin Lange
- 12:45 **Urban Fulfillment Centers –Perceptions and Expectations from Retailer**
» [Dr. Marike Kellermayr-Scheucher](#), Ms. Maria Niedermeier, Dr. Patrick Brandtner, Dr. Oliver Schauer
- 13:00 **New Opportunities for Smart Urban Logistics - Results of a Field Study**
» [Prof. Stephan Seeck](#), Mr. Maximilian Engelhardt
- 13:15 **Purchasing transport services in (new) urban logistics environments**
» [Dr. Thierry ALLEGRE](#), Dr. Nathalie MERMINOD
- 12:45 **Session 3: HICL and Practice - Excellence in Logistics and Supply Chain Management I**
Chaired by: Mr. Stephan Krüger
- 12:45 **Barriers to Effective Decision-Making on the Implementation of Fourth-Party Logistics in Developing Countries**
» Dr. Mujthaba Ahtamad, [Mr. Medet Akhsanov](#)
- 13:00 **An approach to analyzing shippers' transportation management organization**
» [Mr. Tim Brillka](#), Prof. Uwe Clausen

- 13:15 **Multi-Attribute Decision Making Approach to Preposition Facility Location in Humanitarian Relief Operations**
» [Prof. PRASHANT BARSING](#)

Thursday, 23 September

- 09:00 **Session 1: Artificial Intelligence and Blockchain I**
Chaired by: Henning Schöpfer
- 09:00 **Decision-making in Multimodal Supply Chains using Machine Learning**
» [Mr. Manuel Weinke](#), Mr. Peter Poschmann
- 09:15 **Russian Experience Of Using Blockchain Technology In Railway Transportation. Theoretical Aspects And Practical Challenges**
» [Mr. Anton Popadyuk](#), Dr. Natalia Komovkina, Dr. Evgeny Korovyakovskiy
- 09:30 **AI-based recognition of dangerous goods labels and metric package features**
» [Mr. Robert Brylka](#), Prof. Benjamin Bierwirth, Prof. Ulrich Schwanecke
- 09:45 **Artificial Intelligence for Mental Stress and Strain Analysis with Driving Professions**
» [Prof. Matthias Klumpp](#), Mr. Marc Hesenius, Prof. Caroline Ruiner, Prof. Vera Hagemann, Mrs. Viola Milke, Mrs. Sarah Straub, Mrs. Christina Debbing, Mrs. Maria Keil
- 09:00 **Session 1: Maritime Logistics I**
Chaired by: Ms. Anne Schwientek
- 09:00 **Digital logistics as a perspectives for the Northern Sea Route**
» Prof. Igor Ilin, [Mrs. Svetlana Maydanova](#), Prof. Carlos Jahn, Mr. Jürgen Weigell, Prof. Wolfgang Kersten



Continued from **Thursday, 23 September**

- 09:15 **Fuzzy-based decision analysis on Arctic transportation: A guidance for freight shipping companies**
» [Mr. Lukas Benz](#), Mr. Christopher Münch, Prof. Evi Hartmann
- 09:30 **Routing of Service Vessels for Aquaculture Fish Farming**
» [Prof. Frank Meisel](#), Ms. Ingeborg Lianes, Ms. Maren Noreng, Mr. Hans Tobias Slette, Prof. Kjetil Fagerholt

09:00 **Session 1: Advanced Manufacturing and Industry 4.0 II**
Chaired by: Mr. Sebastian Lodemann

- 09:00 **Application of Industry 4.0 in the Automotive Sector**
» [Mr. Martin Sonntag](#), Prof. Jens Mehmman, Prof. Frank Teuteberg
- 09:15 **Designing the Data Supply Chain of a Smart Construction Factory**
» [Mr. Bennet Zander](#), Prof. Kerstin Lange, Prof. Hans-Dietrich Haasis
- 09:30 **Scheduling Mobile Robots in Part Feeding Systems**
» [Mr. Emilio Moretti](#), Prof. Elena Tappia, Prof. Marco Melacini
- 09:45 **Managing contract manufacturing relationships - An explorative research framework**
» [Mr. Tim Brandl](#)

10:15 **Coffee Break**
Want to socialize during the coffee break? Then please copy the Wonder link below and paste it in your web browser:
<https://app.wonder.me/?spaceId=a8120156-e421-499b-a581-ae5071b26fc4>

10:45 **Session 2: Business Analytics II**
Chaired by: Mr. Nicolas Rückert

10:45 **Supply Chain Analytics Implementation: A TOE Perspective**
» [Mr. Sebastian Lodemann](#), Prof. Wolfgang Kersten

11:00 **A reference model for data-driven Sales Planning: Development of the model's framework and functionality**
» [Mr. Daniel Büttner](#), Dr. Anne Antonia Scheidler, Prof. Markus Rabe

11:15 **Application of social media data in supply chain management – A systematic review**
» [Ms. Xi Chen](#), Dr. T.C. Wong

10:45 **Session 2: City Logistics II**
Chaired by: Mr. Henrik Bathke

10:45 **Sustainable Public Transportation using Markov Chains: Case study Hamburg Public Transportation**
» [Mr. Majid Sodachi](#), Dr. Omid Fatahi-Valilai

11:00 **Requirements for robots in combined passenger/freight transport**
» [Mr. Marko Thiel](#), Mrs. Sandra Tjaden, Mr. Manuel Schrick, Ms. Kerstin Rosenberger, Mr. Matthias Grote

11:15 **Enabling Decentralized Transshipment in Waterborne Hinterland Container Transportation**
» [Mr. Cyril Alias](#), Mr. Helmut Broß, Mr. Jonas zum Felde, Mr. Dieter Gründer

10:45 **Session 2: Supply Chain Risk and Security Management II**
Chaired by: Florian Dörries

10:45 **Approach for Application-Specific Selection of Risk Assessment Methods**
» [Mr. Lukas Nikelowski](#), Mrs. Rika Voss

11:00 **Feasibility Study on Augmented Supplier Audit**
» Dr. Gottfried Obmann, [Mr. Sascha Stradner](#)

11:45 **Lunch Break**
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Continued from **Thursday, 23 September**

- 12:45 **Session 3: HICL and Practice - Excellence in Logistics and Supply Chain Management II**
Chaired by: Mr. Marvin Kastner
- 12:45 **Evaluation of an Integrated Planning and Simulation Tool**
» [Mr. Stephan Krüger](#), Ms. Anne Schwientek, Prof. Carlos Jahn
- 13:00 **Efficiency measurement of grocery retail warehouses with DEA**
» [Mr. Andreas Gafner](#), Mr. Dominic Loske, Dr. Matthias Klump
- 13:15 **Robotic Process Automation in Logistics: Implementation Model and Factors of Success**
» Mr. Jan Krakau, Prof. Carsten Feldmann, [Mr. Victor Kaupe](#)
- 12:45 **Session 3: Artificial Intelligence and Blockchain III**
Chaired by: Mr. Sebastian Lodemann
- 12:45 **The State of Artificial Intelligence: Procurement versus Sales**
» [Mr. Jan Spreitzenbarth](#), Prof. Heiner Stuckenschmidt, Prof. Christoph Bode
- 13:00 **Machine Learning in Supply Chain Management: A Scoping Review**
» [Mr. Martin Brylowski](#), Dr. Meike Schröder, Mr. Sebastian Lodemann, Prof. Wolfgang Kersten
- 12:45 **Session 3: Sustainability I**
Chaired by: Mr. Jürgen Weigell
- 12:45 **LEGREEN SUPPLY CHAIN MANAGEMENT AN APPROACH FOR SUSTAINABILITY: A CONCEPTUAL FRAMEWORK**
» [Mr. Ali Hebaz](#), Prof. Salah Oulfarsi, Ms. Ikram Ait Hammou, Prof. Adil El Amri
- 13:00 **Ecological Sustainable Physical Distribution**
» Mr. Bastian Mrutzek, [Prof. Herbert Kotzab](#), Mr. André Milosch

13:15

Supply Chain Management in the Course of Time – A Systematisation of Past, Present and Future Objectives

» [Mrs. Anna-Maria Nitsche](#), Ms. Wibke Kusturica, Mr. Denis Neumann, Prof. Christian-Andreas Schumann, Prof. Christoph Laroque

Friday, 24 September

09:00

Session 1: Innovation and Technology Management II

Chaired by: Dr. Meike Schröder

09:00

Development of a Procurement 4.0 Performance Measurement System using the Balanced Scorecard

» Mr. Lorenzo Pirrone, [Mr. Dennis Meyer](#)

09:15

Logistics Platform Strategies for Freight Technology-enabled Smart Services

» [Mr. Christoph Heinbach](#), Mr. Martin Schwemmer, Dr. Oliver Thomas

09:30

Scenario Analysis of Online Food Supply Chains

» [Mrs. Anne Beckmann](#)

09:45

Conceptual framework for a digital organization

» [Dr. Meike Schröder](#), Ms. Sonja Pahlevan

09:00

Session 1: Port Logistics I

Chaired by: Michaela Grafellmann

09:00

Assessing Performance of Container Slot Allocation Heuristics

» [Mr. Marvin Kastner](#), Mr. Malte Peters, Prof. Carlos Jahn

09:15

Gantry Crane Scheduling and Storage Techniques in Rail-Road Terminals

» [Mr. Chiraag Dinesh Kaidabettu](#), Mrs. Ann-Kathrin Lange, Prof. Carlos Jahn



Continued from Friday, 24 September	
09:00	Session 1: Supply Chain Risk and Security Management III Chaired by: Dr. Sandra König
09:00	Impacts of the COVID-19 crisis on Inland Navigation » Mrs. Bianca Borca , Dr. Lisa-Maria Putz
09:15	Organizational Flexibility of Airlines During Covid-19: A Study On The Airline Companies In Turkey » Dr. Sercan Demir, Dr. Ersin Aktas , Prof. Turan Paksoy
09:30	Analysis of the Suez Canal blockage with Queueing Theory » Mr. Johannes Gast , Mr. Tom Binsfeld, Dr. Francesca Marsili, Prof. Carlos Jahn
09:45	Cold Chain Logistics: The Case of Turkish Airlines Vaccine Distribution » Dr. Sercan Demir , Dr. Ersin Aktas, Prof. Turan Paksoy
10:15	Coffee Break
10:45	Session 2: Artificial Intelligence and Blockchain II Chaired by: Sven Reimes
10:45	A roadmap for the effective implementation of blockchain technology in the supply chain » Mr. Camillo Loro , Prof. Riccardo Mangiaracina, Prof. Angela Tumino
11:00	Design of a DLT-based Document Management System in Road Transport » Mr. Roger Heines , Mr. Sandro Rüttimann, Prof. Reinhard Jung
11:15	How Blockchain interrelates with trust in the supply chain context: insights from tracing sustainability in the metal industry » Mr. Abbas Batwa , Prof. Andreas Norrman, Prof. Ala arvidsson
10:45	Session 2: City Logistics III Chaired by: Nicole Nellen
10:45	Accepting a crowdsourced delivery - a choice-based conjoint analysis » Mr. Henrik Bathke , Prof. Evi Hartmann
11:00	Investigating the return cost for B2C e-commerce » Dr. Arianna Seghezzi , Dr. Chiara Siragusa, Prof. Angela Tumino, Prof. Riccardo Mangiaracina
10:45	Session 2: Sustainability II Chaired by: Hannah Harbich
10:45	SUSTAINABILITY: the ITALIAN CASE of ECO-SUSTAINABLE CONTRACT » Dr. Ettore-William Di-Mauro
11:00	Assessing the impact of B2C e-commerce employment in the apparel industry: a logistics perspective » Dr. Chiara Siragusa, Dr. Arianna Seghezzi, Prof. Angela Tumino , Prof. Riccardo Mangiaracina
11:15	Literature Review of Installation Logistics for Floating Offshore Wind Turbines » Mr. Jürgen Weigell , Prof. Carlos Jahn
11:45	Lunch Break
12:45	Closing Keynote



Continued from **Friday, 24 September**

Future of maritime logistics - smart ships and implications for ports and logistics

» Prof. Carlos Jahn