

Detailed Session Schedule

04.09.2008

08:30 - 09:00	Registration and Welcome Coffee	Foyer
09:00 - 09:15	Conference Opening	2022
09:15 - 09:45	Keynote 1	2022

Fast Transshipment Equipment and Novel Methods for Rail Cargo

Herbert Kotzab, Copenhagen Business School, Denmark

Hans G. Unseld, Cargo Technologies GmbH, Austria

09:45 - 10:00	Coffee Break	Foyer
10:00 - 11:40	Parallel Sessions A	Room

Session A1: Distribution Optimization	Chair: Carsten Gertz	1023
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Improving Distribution Strategies in a Complex Distribution Logistical Network Using a Hybrid Simulation Approach [HSMA]

Tarak A. Housein, Univeristy of Garyounis, LIBYA

Distribution Logistics Network Planning: A Metaheuristics Capacitated Multi-Depot Docation Routing Model

Hatem Aldarrat, Universität Duisburg-Essen, Germany

Alexander Goudz, Universität Duisburg-Essen, Germany

Matthias Lorenz, Universität Duisburg-Essen, Germany

Fathi Rhoma, Universität Duisburg-Essen, Germany

Bernd Noche, Universität Duisburg-Essen, Germany

Supply Chain Management in the Brazilian Automotive Industry: Analysis and Improvements Proposal

Ricardo Alexandre Soares, Federal University of Itajubá, Brazil

Renato da Silva Lima, Federal University of Itajubá, Brazil

Session A2: RFID in Logistics	Chair: Thomas Will	1024
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Benefits of Standardized RFID Transponders in Container Logistics

Thomas Will, Hamburg University of Technology (TUHH), Germany

Thorsten Blecker, Hamburg University of Technology (TUHH), Germany

Addressing False RFID Reads in Supply Chains

Selwyn Piramuthu, University of Florida, USA

Yu-Ju Tu, University of Illinois at Urbana-Champaign, USA

RFID Supports SCEM in Container Transport Networks

Nils Meyer-Larsen, Institute of Shipping Economics and Logistics, Germany

Rainer Müller, Institute of Shipping Economics and Logistics, Germany

The Application of Radio Frequency Identification (RFID) in the Context of Ground Handling Processes at a Major International Airline

Frank Himpel, Johannes Gutenberg University Mainz, Germany

Heike Petri, Deutsche Lufthansa AG, Germany

Session A3: Quality Management in Supply Chains and Logistics Chair: Matthias Klumpp 2022

Quality Management Impact on Logistics Networks Measured by Supply Chain Performance Indicators

Matthias Klumpp, FOM University of Applied Sciences in Essen, Germany
 Manja Ostertag, Deutsche BP AG in Bochum, Germany

A Conceptual Approach For Quality Improvements in Project Oriented Supply Chain Networks

Herwig Winkler, Alpen-Adria-Universität Klagenfurt, Austria
 Hubert B. Schemitsch, Alpen-Adria-Universität Klagenfurt, Austria
 Bernd Kaluza, Alpen-Adria-Universität Klagenfurt, Austria

Logistics services: Theoretical and Empirical Findings on Quality Perceptions

Wolfgang Kersten, Hamburg University of Technology (TUHH), Germany
 Jan Koch, Hamburg University of Technology (TUHH), Germany

11:40 - 12:45 **Lunch** Cafeteria

12:45 - 14:00 **Parallel Sessions B** Room

Session B1: International Networks Chair: Michael Bohn 1023

Risk and Capacity Management in Logistics Networks: The Example of Global Container Operators

Matthias Klumpp, FOM University of Applied Sciences in Essen, Germany
 Stephan Zelewski, University of Duisburg-Essen, Germany
 Susanne Hohmann, IPLPerseco Ltd., Germany

Holistic Security in Global Supply Chains – A Strategic Framework

Andreas Wieland, Technische Universität Berlin, Germany
 Helmut Baumgarten, Technische Universität Berlin, Germany

Logistics in the Context of Internationalisation – How Chinese and German Companies Enter Foreign Markets

Frank Straube, Berlin University of Technology, Germany
 Michael Bohn, Berlin University of Technology, Germany
 Daniel Rief, Berlin University of Technology, Germany

Session B2: New approaches to Container Logistics Chair: Hipolito Martell Flores 1024

Applying Stochastic Capacity Management to Manage Truck Traffic around a Sea Port

Amrinder Arora, George Washington University, USA
 Dhiren Patel, McLean, USA

DETCCM Networks Analyse Model Applied for Short-Sea-Shipping Opportunities Prospecting. Le Havre, Hamburg, Marseille and Valencia Port's Cases.

Hipolito Martell Flores, University of Le Havre, France

The Security Eco-System: How Supply Chains' Players Affect Cargo Vulnerability

Luca Urciuoli, Engineering Logistics University of Lund, Schweden

Session B3: Distribution Strategy Chair: Herbert Kotzab 2022

Lean retail logistics: What if we focussed on the store?

Marie-Laure Baron, University of Le Havre, France
 Frank Guerin, University of Le Havre, France

Characteristics and Structure of the International Container Port Network – An Analysis of Network and Node Design

Hitesh K Gadhia, Copenhagen Business School, Denmark
 Herbert Kotzab, Copenhagen Business School, Denmark

Implementation of Location Strategy Tools

Evi Oktaviana, Graz University of Technology, Indonesia
 Jimmy Baringbing, Graz Institute of Technology, Austria

14:00 - 15:00	Bus Transfer	Foyer
15:00 - 18:00	Field Trips	
18:00 - 19:00	Bus Transfer	
19:00 - 22:00	Conference Dinner	

05.09.2008

08:30 - 09:00	Registration and Welcome Coffee	Foyer
09:00 - 09:30	Keynote 2	2022

Inventories with Multiple Supply Sources and Networks of Queues with Overflow Bypasses

Jing-Sheng Song, Duke University, USA

Paul Zipkin, Duke University, USA

09:30 - 10:20	Parallel Sessions C	Room
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Session C2: Supply Chain Management	Chair: Claudine A. Soosay	1024
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Managing Supply Chain Networks: Strategies for Logistics Integration

Claudine A. Soosay, University of South Australia, Australia

Case Study of a Supply Chain Management Model in Construction

Tiago Pinho, University of Minho, Portugal

Session C3: Local Logistics in a global world	Chair: Hans-Dietrich Haasis	2022
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Bringing Regional Networks back into Global Supply Chains: Strategies for Logistics' Service Providers as Integrators of Regional Networks within Global Supply Chains

Hans-Dietrich Haasis, University of Bremen, Germany

Ralf Elbert, Darmstadt University of Technology, Germany

Modeling the Evolution of Logistics Clusters : An Empirical Analysis of Logistics Networks and Nodes in Yangtze River Delta of China

Ma Lin, Ningbo University, China

Tong Huan, Ningbo University, China

09:30 - 10:20	Coffee Break	Foyer
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10:35 - 11:50	Parallel Sessions D	Room
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Session D1: Capacity Management	Chair: Leticia Biescas Altelarrea	1023
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Evaluation of Advanced Parking Information Systems at Airports

Hassan Zoghi, Azad University of Karaj, Iran

Morteza Tolouei, Azad University of Karaj, Iran

Kianoush Siamardi, Azad University of Karaj, Iran

Airport Integrated Capacity Model

Leticia Biescas Altelarrea, Ingenieria de sistemas para defensa de España, SACivil systems, Spain

Session D2: Logistics Process Management	Chair: Tugrul Daim	1024
Logistics Automation - An Enabler for Competing		
Anna Granlund, Mälardalen University, Sweden		
Project Cargo Standard Process for Logistics Service Provider: The Cimosa Approach		
Phanthian Zuesongdham, Hamburg University of Technology (TUHH), Germany		
True Cost of Outsourcing		
Tugrul Daim, Portland State University, USA		
Christopher McGinnis, Portland State University, USA		
Matthew Ferguson-Calderon, Portland State University, USA		

Session D3: Product-induced Logistics Strategies	Chair: Tobias Held	2022
Logistic Network Strategies and Product Harmonization – Some Findings of the Interrelation between Logistic Network Setup and Product Language Clustering in the European FMCG Industry		
Tobias Held, Fachhochschule Westküste, Germany		
Inbound Supply Chain Management in Mass Customization: Specific Aspects and Requirements for Efficient Procurement		
Peter Schentler, FH JOANNEUM - University of Applied Sciences, Austria		
Antje Krey, Universität Rostock, Germany		
Product architecture and supply chain design: impacts on mix flexibility		
Maria Caridi, Politecnico di Milano, Italien		
Margherita Pero, Politecnico di Milano, Italien		
Andrea Sianesi, Politecnico di Milano, Italien		

11:50 - 12:50	Lunch	Cafeteria
12:50 - 14:05	Parallel Sessions E	Room

Session E1: Financial Issues in Supply Chain Management	Chair: Yun Huang	1023
Optimal Pricing for a Three-level Supply Chain with Different Channel Structures Using Game-theoretic Approach		
Yun Huang, The University of Hong Kong, PR China		
George Q. Huang, The University of Hong Kong, PR China		
Conceptual Design of a ROI Benefit Assesment for Web-Based Supplier Relationship Management-Scenarios		
Wolfgang Ortner, FH JOANNEUM - University of Applied Sciences, Austria		
Jörg Schweiger, FH JOANNEUM - University of Applied Sciences, Austria		
Martin Tschandl, FH JOANNEUM - University of Applied Sciences, Austria		
Economic order Interval Under Variable Inflationary Conditions		
Abolfazl Mirzazadeh, Islamic Azad University of Karaj, Iran		

Session E2: Agency Approaches in Logistics

Chair: Jos van Hillegersberg 1024

Using a Management Game to Exemplify a Multi-Agent Approach for the Barge Rotation and Quay Scheduling Problem in the Port of Rotterdam

Albert Douma, University of Twente, The Netherlands
 Jos van Hillegersberg, University of Twente, The Netherlands
 Peter Cornelis Schuur, University of Twente, The Netherlands

Obstacles to Multi-Agent Systems Implementation Expert Opinions Confronted with Literature

Albert Douma, University of Twente, The Netherlands
 Jos van Hillegersberg, University of Twente, The Netherlands
 Hans Moonen, RSM Erasmus University, The Netherlands
 Elfriede Krauth, University of Twente School of Management and Governance, The Netherlands

Simulation and Implementation of Transportation Logistics Systems based on Agent Technology

Jan Sudeikat, Hamburg University of Applied Sciences, Germany
 Wolfgang Renz, Hamburg University of Applied Sciences, Germany
 Alexander Pokahr, University of Hamburg, Germany
 Lars Braubach, University of Hamburg, Germany
 Winfried Lamersdorf, University of Hamburg, Germany

Session E3: Risk Management in Supply Chains and Logistics

Chair: Inga-Lena Darkow 2022

Supply Chain Risk Management for Robustness in a Logistical Framework

Inga-Lena Darkow, European Business School (EBS), Germany
 Heiko Wöhner, European Business School (EBS), Germany

Container Logistics Networks Under Context Diversity

Bernd Scholz-Reiter, Bremer Institut für Produktion und Logistik GmbH (BIBA), Germany
 Kateryna Daschkovska, Bremer Institut für Produktion und Logistik GmbH (BIBA), Germany
 Enzo Morosini Frazzon, Bremer Institut für Produktion und Logistik GmbH (BIBA), Germany

Transfer Pricing, Taxation and Capacity Planning in International Manufacturing Networks

David Francas, University of Mannheim, Germany
 Melanie Raulwing, University of Mannheim, Germany
 Stefan Minner, University of Vienna, Austria

14:05 - 14:20 **Coffee Break** Foyer
14:20 - 16:00 **Parallel Sessions F** Room

Session F1: Optimization Approaches

Chair: Hassan Zoghi 1023

Two Enhanced Savings Functions for the Clark-Wright Algorithm

Tamer Doyuran, Sabanci University, Turkey
 Bülent Çatay, Sabanci University, Turkey

Service Oriented Architecture Enabling a Global Market-Place for the Supply Chain

Hervé Mathieu, Université du Havre, France

Intelligent Transportation Systems Applications for Winter Maintenance

Hassan Zoghi, Azad University of Karaj, Iran
 Morteza Tolouei, Azad University of Karaj, Iran
 Kianoush Siamardi, Azad University of Karaj, Iran

Session F2: Sustainability in Logistics

Chair: Heike Flämig

1024

Future Scenarios 2030: The Contribution of Logistics to Sustainable Development

Christian W. Flotzinger, University of Applied Science Upper Austria, Austria

Hannelore Hofmann-Prokopczyk, University of Applied Science Upper Austria, Austria

Design of an Environmental Supply Chain Network: A Biosolids Waste Case Study

Hatem Aldarrat, Universität Duisburg-Essen, Germany

Alexander Goudz, Universität Duisburg-Essen, Germany

Matthias Lorenz, Universität Duisburg-Essen, Germany

Fathi Rhoma, Universität Duisburg-Essen, Germany

Bernd Noche, Universität Duisburg-Essen, Germany

Adel Al Mansi, Universität Duisburg-Essen, Germany

Biogas Logistics Supply Chain Network Design: A Framework Model

Hatem Aldarrat, Universität Duisburg-Essen, Germany

Alexander Goudz, Universität Duisburg-Essen, Germany

Fathi Rhoma, Universität Duisburg-Essen, Germany

Bernd Noche, Universität Duisburg-Essen, Germany

Adel Al Mansi, Universität Duisburg-Essen, Germany

Reasons for the Slow Development of Reverse Logistics in the Electronics Industry of China

Charles Kwok Hung Lau, Royal Melbourne Institute of Technology University, Australia

Session F3: Supply Chain Performance Management

Chair: Nasrin Asgari

2022

A Client-Supplier Relationship Performance Measuring Model based on Integrated Engineering

Dagoberto Alves de Almeida, Federal University of Itajubá, Brazil

Ronivaldo Belan, UNIFEI Universidade Federal de Itajubá // MAHLE Metal Leve Brazil, Brazil

José Arnaldo Montevechi, Universidade Federal de Itajubá, Brazil

Simulation For Logistics Performance Management: Comparing Different Approaches

Carlo Rafele, Politecnico di Torino, Italy

Anna Corinna Cagliano, Politecnico di Torino, Italy

Analysis of On-Time Delivery Measure in a Supply Chain

Nasrin Asgari, University of Tehran, Iran

Reza Zanjirani Farahani, Amirkabir University of Technology, Tehran, Iran

Development and Implementation of a Six Sigma Readiness Model in the Food Industry

Gabriela Garcia-Lopez, Hamburg University of Technology (TUHH), Germany

Wolfgang Kersten, Hamburg University of Technology (TUHH), Germany

Jan Koch, Hamburg University of Technology (TUHH), Germany

16:00 - 16:15

Conference Wrap-up

2022