

Tuesday September 24

IT-University of Copenhagen (Rued Langgaards Vej 7, 2300 Copenhagen)

14:30 – 15:30	Registration	
Master class	Math heuristics	
15:30 – 16:30	TBA	Stefan Voß
16:30 – 17:00	Break	
17:00 – 18:00	TBA	Stefan Voß
18:00 – 20:00	Welcome reception	

Wednesday September 25

Denmark Technical University (Anker Engelunds Vej 1, 2800 Kgs. Lyngby)

08:30 – 09:00	Registration & Coffee	
09:00 – 09:15	Welcome	Stefan Voß & Niels Buus
Keynote		
09:15 – 10:00	Speed optimisation in maritime transport	Harilaos Psaraftis
10:00 – 10:30	Break	
Session 1	Logistics 1 Chair: Anna Paias	
10:30 – 11:00	Sampling Based Approaches for Stochastic Emissions Minimized Paths in Urban Areas	Jan Ehmke
11:00 – 11:30	Throughput evaluation of buffered unreliable production lines with machines having multiple failure modes	Yalaoui Farouk
11:30 – 12:00	From Preparedness to Recovery: A Tri-level Programming Model for Disaster Relief Planning	Janny Leung
12:00 – 13:00	Lunch	
13:00 – 17:30	Technical excursions	

Thursday September 26

Denmark Technical University (Anker Engelunds Vej 1, 2800 Kgs. Lyngby)

08:30 – 09:00 Registration & Coffee

Keynote

09:00 – 09:30 Risk Management at the Copenhagen Metro Nicola De Negri

Session 2

Road Transport

Chair: Martin Olsen

09:30 – 10:00 Dynamic Routing on OpenStreetMap Using Ant Colonies Sebastian Iwanowski

10:00 – 10:30 Urban Freight Transportation Planning: A Dynamic Stackelberg Game-Theoretic Approach Bo Zhang

10:30 – 11:00 **Break**

STREAM A (Parallel session)

Session 3A

Supply Chain

Chair: Stefan Voß

11:00 – 11:30 Analysis of Future LNG Infrastructure Capacity Using the World Gas Model Seksun Moryadee

11:30 – 12:00 A Tractable Two-Stage Robust Winner Determination Model for Truckload Service Procurement Bo Zhang

12:00 – 12:30 Preliminary Study of the Impact of Individual Representation of a Genetic Algorithm in a Logistics Problem Francisco Herbert-Acero

12:30 – 13:30 **Lunch**

Session 4A

Logistics 2

Chair: Janny Leung

13:30 – 14:00 Towards Real-time Data Acquisition for Simulation of Logistics Service Systems Stefan Mutke

14:00 – 14:30 Anticipatory Decision Making with Unknown Customer Locations for Logistics Service Providers Ulmer Marlin

14:30 – 15:00 Comparison of Two Driver Rostering Models Margarida Moz

15:00 – 15:30 Column generation based heuristic for three dimensional vehicle loading problem Satyaveer Chuhan

15:30 – 16:00 **Break**

Session 5A

Aviation

Chair: Hanne Løhmann Petersen

16:00 – 16:30 Airport Gate Assignment: A Versatile Model of the Problem Urszula Neuman

16:30 – 17:00 Comparing Revenue Optimization Models for Low Cost Carriers Supporting Connecting Flights - A Case Study Ulrich Derigs

STREAM B (Parallel session)

Session 3B

Vehicle Routing 1

Chair: Min Wen

11:00 – 11:30	Dynamic collaborative transportation planning: A rolling horizon planning approach	Xin Wang
11:30 – 12:00	A GRASP for a Multi-Depot Multi-Commodity Pickup and Delivery Problem with Time Windows and Heterogeneous Fleet in the Bottled Beverage Industry	Roger Z. Ríos-Mercado
12:00 – 12:30	TSP with Multiple Time-Windows and Selective Cities	Ana Paias
12:30 – 13:30	Lunch	

Session 4B

Maritime Shipping

Chair: Line Blander Reinhardt

13:30 – 14:00	Horizontal Collaboration in Tramp Shipping	Min Wen
14:00 – 14:30	How Will the Marine Emissions Trading Scheme Influence International Containership's Profit and CO2 Emissions	Zehui Huang
14:30 – 15:00	A Hub Location Problem in Multimodal Networks	Anna Sciomachen
15:00 – 15:30	The Tank Allocation Problem in Bulk Shipping	Charlotte Vilhelmsen
15:30 – 16:00	Break	

Session 5B

Liner Shipping

Chair: Alberto Delgado

16:00 – 16:30	An LNS approach for Container Stowage Multi-Port Master Planning	Dario Pacino
16:30 – 17:00	A Node Flow Model for the Inflexible Visitation Liner Shipping Fleet Repositioning Problem with Cargo Flows	Kevin Tierney
17:00	Social Dinner	

Friday September 27

Denmark Technical University (Anker Engelunds Vej 1, 2800 Kgs. Lyngby)

08:30 – 09:00	Registration & Coffee	
Session 6	Road Transport 2 Chair: Rune Larsen	
09:00 – 09:30	An integrated simulation and business intelligence framework for designing and planning demand responsive transport systems	Ana Dias
09:30 – 10:00	On the Complexity of Computing Optimal Private Park-and-Ride Plans	Martin Olsen
10:00 – 10:30	Predicting Road Accidents Based on Current and Historical Spatio-temporal Traffic Flow Data	Rupa Jagannathan
10:30 – 11:00	Break	
Session 7	Container Terminal Operations Chair: Rune Møller Jensen	
11:00 – 11:30	Hierarchical control of equipment in automated container terminals	Jianbin Xin
11:30 – 12:00	Integrated Berth Allocation-Quay Crane Assignment Problem: Reformulations, Improved Constraints and Computational Results	Cagatay Iris
12:00 – 12:30	A Comparison of Heuristics for Greedy Algorithms Applied to the Pre-Marshaling Problem	Raka Jovanovic
12:30 – 13:30	Lunch	
Session 8	Vehicle Routing 2 Chair: Frederick Schulte	
13:30 – 14:00	Integrating Dray Optimization into an Intermodal Planning and Execution System.	Ted Gifford
14:00 – 14:30	Consolidation of container flows for truck-based drayage in the hinterland of a sea port	Tobias Buer
14:30 – 15:00	An Application of Late Acceptance Hill-Climbing to the Traveling Purchaser Problem	Frederik Schulte
15:00 – 15:20	Closing	Stefan Voß & Dario Pacino
15:20	Coffee	
17:30	Copenhagen Canal Tour (optional, ca. 75 DKK)	