Wednesday

8.30-9.00	**Registration**
9.00-9.15	**Opening session**
9.15-10.00	**Plenary 1 Chair: Stefan Voss room: 6.2.53** **Ricardo Saldanha** **Logistics in fixed-route transportation systems**
10.00-10.30	Coffee break

10.30-12.30	**Session WA1) Maritime Transportation I Chair: Agostinho Agra room: 6.2.53**	**Session WA2) Routing: Green Vehicles Chair: Herbert Kopfer room: 6.2.50**
	A Multi-Product Maritime Inventory Routing Problem with Undedicated Compartments, **Marielle Christiansen**	Vehicle Routing for Fleets with Electric- and Combustion-Powered Vehicles, **Kristian Schopka**
	A MIP Based Local Search Heuristic for a Stochastic Maritime Inventory Routing Problem, **Filipe Rodrigues**	Routing Problems for Electric Vehicles with Load-Dependent Energy Consumption, **Daniel Santos**
	A Maritime Inventory Routing Problem with Constant Rates, **Agostinho Agra**	The Static Bicycle Repositioning Problem - Literature Survey and New Formulation, **Henrik Andersson**
	A Vessel Pickup and Delivery Problem from the Disruption Management in Offshore Supply Vessel Operations, **Magnus Stålhane**	Service Network Design of Bike Sharing Systems with Resource Constraints, **Bruno Albert Neumann-Saavedra**

12.30-14.00	**LUNCH**

14.00-16.00	**Session WB1) Container Terminals & Stowage I Chair: Shell Ying Huang room: 6.2.53**	**Session WB2) Routing I Chair: Ana Pereira room: 6.2.50**
	A New Lower Bound for the Unrestricted Block Relocation Problem, **Shunji Tanaka**	A Branch-and-Price Algorithm for the Vehicle Routing Problem with 2-Dimensional Loading Constraints, **Telmo Pinto**
	A Matheuristic for Block Stowage Planning with Crane Intensity, **Dario Pacino**	Generalized Vehicle Routing Formulation for Mass Rescue Operations in Ocean Waters, **Rui Deus**
	A Cooperative Approach to Dispatching and Scheduling Twin-Yard Cranes in Container Terminals, **Shell Ying Huang**	A Hybrid Metaheuristic for Planning Vessel Routes in Fishery Surveys, **Marta Mesquita**
	Agent-Based Support for Container Terminals to Make Appointments with Barges, **Martijn Mes**	

16.00-16.30	Coffee break

16.30-18.30	**Session WC1) Intermodal Transportation Chair: An Caris room: 6.2.53**	**Session WC2) Scheduling and Routing Chair: Marta Mesquita room: 6.2.50**
	A Revenue Management Approach for Network Capacity Allocation of an Intermodal Barge Transportation System, **Yunfei Wang**	Adaptive Large Neighborhood Search for the Technician Routing and Scheduling Problem, **Abouliakdane Khattara**
	Analysis of Cost Allocation Techniques for Freight Bundling Networks in Intermodal Transport, **Katrien Ramaekers**	Truck Driver Shift Scheduling in Vehicle Routing with Time-Dependent Service Costs, **Alexander Kleff**
	Optimizing Train Load Planning: Review and Decision Support for Train Planners, **Hilde Heggen**	Automated Workforce Scheduling in Airport Logistics, **Andreas Klinkert**
	A Simulation-Optimization Approach for Intermodal Transport Planning under Travel Time Uncertainty Considering Multiple Objectives, **Martin Hrusovsky**	Continuous-time Formulation for Oil Products Transportation Scheduling, **Pedro Castro**

19.00-21.00	Welcome drinks at Casa do Lago in Campo Grande garden

Thursday

9.00-9.45	**Plenary 2 Chair: Ana Paias room 6.2.53** **Filipe Carvalho** **How will optimization continue to drive changes in logistics**
9.45-10.15	Coffee break

10.15-12.15	**Session TA1) Maritime Transportation II Chair: Kevin Tierney room: 6.2.53**	**Session TA2) Simulation in Logistics Chair: Katrien Ramaekers room: 6.2.50**
	Scenarios for Collaborative Planning of Inter-Terminal Transportation, **Herbert Kopfer**	Improving Order Picking Efficiency by Analyzing Combinations of Storage, Batching, Zoning, and Routing Policies, **Teun van Gils**
	A Logic-Based Benders Decomposition Approach to Improve Coordination of Inland Vessels for Inter-Terminal Transport, **Shijie Li**	An Agent-Based Simulation Framework to Evaluate Urban Logistics Schemes, **Wouter van Heeswijk**
	Path Planning for Autonomous Inland Vessels using A*BG, **Linying Chen**	Impact of Dwell Time on Vertical Transportation through Discrete Simulation in SIMIO, **Marcelo Henriques**
	Modelling Bunker Consumption for Optimization Models in Maritime Transportation, **Daniel Müller**	Improving Production Logistics Through Materials Flow Control and Lot Splitting, **Silvio Carmo-Silva**

12.15-13.45	**LUNCH**

13.45-14.00	**Meeting point- buses**
14.00-17.00	**Visit to the Navy**
18.00	**Downtown free time or return to the Faculty of Sciences and then leave at 19h to the restaurant by metro**
20.00	**Dinner at the ZAMBEZE restaurant**

Friday

9.00-9.45	**Plenary 3 chair: Luís Gouveia room 6.2.53** **Tolga Bektas** **Computational logistics for "green" road freight distribution**
9.45-10.15	Coffee break

10.15-12.15	**Session FA1) Container Terminals & Stowage II Chair: Dario Pacino room: 6.2.53**	**Session FA2) Routing II Chair: Margarida Moz room: 6.2.50**
	2D-Packing with an Application to Stowage in Roll-on Roll-off Liner Shipping, **Jone R. Hansen**	The Bi-Objective k-Dissimilar Vehicle Routing Problem, **Sandra Zajac**
	Towards Real-time Automated Stowage Planning - Optimizing Constraint Test Ordering, **Zhuo Qi Lee**	A Heuristic Approach for the Determination of Routes for Parking Enforcement Officers, **Reinaldo Ferreira**
	Solving the Robust Container Pre-Marshalling Problem, **Kevin Tierney**	Routes for Money Collection Operators, **Tiago Vicente**
	Online and Offline Container Purchasing and Repositioning Problem, **Neil Jami**	Metaheuristics Based on Decision Hierarchies for the Traveling Purchaser Problem, **Raquel Bernardino**

12.15-13.45	**LUNCH**

13.45-15.15	**Session FB1) Synchromodality and Cross Docking Chair: Martijn Mes room: 6.2.53**	**Session FB2) Supply Chain Management Chair: Margarida Pato room: 6.2.50**
	Service and Transfer Selection for Freights in a Synchromodal Network, **Arturo Pérez Rivera**	A Tri-Objective Strategic Model for a Food Bank Supply Chain, **Carlos L Martins**
	Towards Synchromodal Transport System Unification: Accomplishments and challenges, **Tomas Ambra**	Design of Multi-Echelon Supply Chain Networks under Outsourcing Opportunities, **Maria João Lopes**
	Metaheuristics for Integrated Cross-dock Scheduling and Assignment, **Arpan Rijal**	Distribution of Agricultural Products in a Short Distribution Channel. A Case Study in the Peninsula of Setubal, **Maria Conceição Fonseca**

15.15-15.45	Coffee break

15.45-16.45	**Session FC1) Intermodal and Maritime Transportation Chair:Christine Tawfik room: 6.2.53**	**Session FC2) Decision Support Tools Chair: Mario Ruthmair room: 6.2.50**
	A Bilevel Design and Pricing Model for an Intermodal Service Network, **Christine Tawfik**	Optimizing Checkpoints for Arrival Time Prediction, **Johannes Asamer**
	Using Fourier-Motzkin Elimination to Produce Efficient Cargomix Models for Revenue Management, **Mai Lise Ajspur**	LORE, a Decision Support Tool for Location, Routing and Location-Routing Problems, **Rui Borges Lopes**

16.45-17.00	**Closing session**