

Monday, September 18th

13:00-13:45	Registration
13:45-14:00	Opening session
14:00-15:00	Plenary session I. Freight Transport in a Low Carbon World - Keynote Speech by Alan McKinnon - Chair: W. Ukovich
15:00-15:30	Coffee Break
15:30-16:30	Plenary session II. Data Stream Mining in Intelligent Transportation and Logistics - Keynote Speech by Javier Sanchez Medina - Chair: M. Lu
16:30-18:10	Session MA1. Optimization in logistics - Chair: A. Sciomachen, Co-chair: S. Novellani
16:30-16:50	Daniela Ambrosino and Anna Sciomachen. Investment evaluation in seaports for increasing the rail split modality in multimodal freight networks
16:50-17:10	Claudia Caballini, Ilaria Rebecchi and Simona Sacone. Maximizing road carriers profit by combining trips and sizing the carrier coalition
17:10-17:30	Mauro Benza, Chiara Bersani, Davide Giglio and Roberto Sacile. Mixed Vendor/Retailer management of zero-cost multi-inventory systems
17:30-17:50	Mauro Dell'Amico and Stefano Novellani. A two-echelon facility location problem with stochastic demands for Urban Construction Logistics
17:50-18:10	Augusto Urru, Marco Bonini and Wolfgang Echelmeyer. The STIC analysis: a decision support tool for technology related investments in logistics

Tuesday, September 19th

09:00-10:00	Plenary session III - The future of urban mobility: moving people or goods? - Keynote Speech by Sergio M. Savaresi - Chair: S. Reveliotis
10:00-10:30	Coffee Break
10:30-11:30	Session TM1A. New trends in Smart Mobilities - Chair: S. Digiesi, Co-chair: H.J.D. Lopez
10:30-10:50	Meghana Madhyastha, Sriveda Reddy and Shrishra Rao. Online Scheduling of a Fleet of Autonomous Vehicles Using Agent-Based Procurement Auctions
10:50-11:10	Salvatore Digiesi, Maria Pia Fanti, Giovanni Mummolo and Bartolomeo Silvestri. Externalities Reduction Strategies in Last Mile Logistics. A review.
11:10-11:30	Héctor Jalil Desirena López, Mario Siller and Iván Huerta. Internet of Vehicles: Cloud and Fog Computing Approaches
10:30-11:30	Session TM1B. Data Collection Methods - Chair K. Miyamoto, Co-chair: N. Melão
10:30-10:50	João Reis, Marlene Amorim and Nuno Melão. Omni-channel Service Operations: Building Technology-based Business Networks
10:50-11:10	Kohtaroh Miyamoto, Akira Koseki and Masaki Ohno. Effective Data Curation for Frequently Asked Questions
11:10-11:30	Kohtaroh Miyamoto, Hironori Takeuchi, Satoshi Masuda and Futoshi Iwama. Hierarchical Context Supplementation for Consecutive Question Answering
11:30-12:50	Special Session SS3. Sustainable Logistics - Chair: S. Digiesi, Co-chair: M. Melacini
11:30-11:50	Martina Baglio, Elisabetta Garagiola and Fabrizio Dallari. Outsourcing strategies and distribution models in Italian Pharma Supply Chain
11:50-12:10	Riccardo Mangiaracina, Giovanni Miragliotta, Alessandro Perego, Giulio Salvadori and Angela Tumino. Smart Parking management in a Smart City: costs and benefits
12:10-12:30	Gino Marchet, Marco Melacini, Sara Perotti, Monica Rasini and Elena Tappia. Logistics for omni-channel retailing: modelling multiple distribution configurations
12:30-12:50	Francesco Boenzi, Salvatore Digiesi, Francesco Facchini and Giovanni Mummolo. Electric and LPG forklifts GHG assessment in material handling activities in actual operational conditions
11:30-12:50	Special Session SS5. Planning, scheduling, coordination, and allocation of resources in logistics and transportation systems - Chair: M. Dotoli, Co-chair: R. Carli
11:30-11:50	Michele Dassisti, Yasamin Eslami and Matin Mohaghegh. Raw Material Flow Optimization as a Capacitated Vehicle Routing Problem: A Visual Benchmarking Approach for Sustainable Manufacturing
11:50-12:10	Francesco Basile, Pasquale Chiacchio and Emiliano Di Marino. An auction-based approach for the coordination of vehicles in automated warehouse systems
12:10-12:30	Raffaele Carli and Mariagrazia Dotoli. A Decentralized Control Strategy for Optimal Charging of Electric Vehicle Fleets with Congestion Management
12:30-12:50	Mouna Mnif and Sadok Bouamama. A multi-objective formulation for multimodal transportation network's planning problems
14:00-15:40	International Workshop on IoT applications in Intelligent Transportation Systems and Logistics 2017 - Invited - Chair: M.P. Fanti
14:00-14:20	Workshop opening session
14:20-15:00	Roberto Minerva. IoT Challenges: Technological, Business and Social aspects
15:00-15:40	Domenico Rotondi. IoT: reshaping Security & Privacy approaches
14:00-15:40	Session TA1B. Decision Support Systems and Robust Design - Chair: M. Kvet, Co-chair: G. Pedroncelli
14:00-14:20	Beatrice Di Pierro, Giorgio Iacobellis, Biagio Turchiano, and Walter Ukovich. Performance Assessment for Intermodal Transportation Systems: a Case Study
14:20-14:40	Maria Pia Fanti, Giovanni Pedroncelli, Michele Roccotelli, Stefano Mininel, Gabriella Stecco and Walter Ukovich. Actor Interactions and Needs in the European Electromobility Network
14:40-15:00	Marta Janackova and Alzbeta Szendreyova. Appropriate Number of Emergency Medical Service Stations
15:00-15:20	Marek Kvet and Jaroslav Janacek. Iterative Approaches to Design of Robust Emergency System
15:20-15:40	Jaroslav Janacek and Marek Kvet. Efficient Robust Design of Public Service System
15:40-16:10	Coffee Break
16:10-18:10	International Workshop on IoT applications in Intelligent Transportation Systems and Logistics 2017 - Session - Chair: R. Minerva, Co-chair: D. Rotondi
16:10-16:30	João Ferreira, Ana Lucia Martins, Vitor Monteiro, Joao L. Afonso and Jose Afonso. Mobile Device Sensing System for Urban Goods Distribution Logistics
16:30-16:50	Jose A Afonso, Ruben A. Sousa, João Ferreira, Vitor Monteiro, Delfim Pedrosa and Joao L. Afonso. IoT System for Anytime/Anywhere Monitoring and Control of Vehicles' Parameters
16:50-17:10	Valentino Sangiorgio, Silvia Martiradonna, Giuseppina Uva and Fabio Fatiguso. An Information System for Masonry Building Monitoring

	17:10-17:30	Agostino Marcello Mangini, Maria Pia Fanti, Giorgio Iacobellis, Walter Ukovich and Ilario Precchiazzi. A Flexible Platform for Intermodal Transportation and Integrated Logistics
	17:30-17:50	Flávio Vasconcelos, Lino Figueiredo, João Ferreira and Ana Almeida. SMART Sensor Network with Bluetooth Low Energy and CAN-BUS
	17:50-18:10	Agnese V Ventrella, Giuseppe Piro and Luigi Alfredo Grieco. Information-centric publish-subscribe mechanisms for Intelligent Transportation Systems
16:10-18:10	TA2B. Cost assessment and service improvement - Chair: K. Gajananan, Co-chair: P. Hillmann	
	16:10-16:30	Kugamoorthy Gajananan, Aly Megahed, Shubhi Asthana, Valeria Becker, Taiga Nakamura and Mark Smith. A Method for Estimating Annual Cost Reduction of IT Service Deals
	16:30-16:50	Peter Hillmann, Bastian Kühnel, Tobias Uhlig, Gabi Dreo and Oliver Rose. Optimized Travel to Meetings on a Common Location of Geographical Distributed Participants
	16:50-17:10	Jared Magrath and Mike Brady. Evaluating Different Methods For Determining Road Grade Best Suited to Advanced Bus Transportation Systems
	17:10-17:30	Isaque Eberhardt, Bernardo A. Furtado, Leisy M. A. Teixeira, Adelaida P. Fonseca, Pastor W. G. Taco and Sergio R Granemann. Supply-Demand of Grain Storage Facilities in Mato Grosso State in Brazil
	17:30-17:50	Sergio Monteleone, Mauro Sampaio and Rodrigo Filev Maia. A novel deployment of smart Cold Chain system using 2G-RFID-Sys temperature monitoring in medicine Cold Chain based on Internet of Things
	17:50-18:10	Asma Troudi, Sid-Ali Addouche, Sofiene Dellagi and Abderrahman El Mhamedi. Post-Production Analysis Approach for drone delivery fleet
20:00	Social Dinner	

Wednesday, September 20th

09:00-10:40	Session WM1. Routing Problems - Chair: A.M. Mangini, Co-chair: F. Nucci	
	09:00-09:20	Francesco Nucci. The multi-shift single-vehicle routing problem under fuzzy uncertainty
	09:20-09:40	Maria Pia Fanti, Agostino Marcello Mangini, Giuliana Rotunno, Thomas Hlasny and Biagio Turchiano. Optimal Fuel Consumption for Heavy Trucks: a Review
	09:40-10:00	Zuzana Borcinova and Stefan Pesko. The Lexicographical Capacitated Vehicle Routing Problem
	10:00-10:20	Angelo Parchitelli, Francesco Nocera, Giorgio Iacobellis, Marina Mongiello, Tommaso Di Noia and Eugenio Di Sciascio. A pre-process clustering methods for the Waste Collection Problem
	10:20-10:40	Greyson Daugherty, Spiridon Revelotis and Gregory Mohler. Optimized Multi-Agent Routing in Shared Guidepath Networks
10:40-11:10	Coffee Break	
11:10-12:10	Session WM2: Scheduling algorithms - Chair: J. Janacek, Co-chair: X. Wang	
	11:10-11:30	Xixi Wang, Farouk Yalaoui and Frederic Dugardin. Genetic algorithms hybridized with the Self Controlling Dominance to solve a Multi-Objective Resource Constraint Project Scheduling Problem
	11:30-11:50	Kaustav Kundu and Alberto Portioli Staudacher. Order review and release methods in internal logistics of a MTO company
	11:50-12:10	Michal Koháni and Jaroslav Janacek. Acceleration strategies of the column generation method for the crew scheduling problem
12:10	Closing session	