This is a list of scheduled presentation at ODS2022. This list is not definitive and changes are to be expected. A detailed program, with abstracts, will be published soon. Please notice: we did our best efforts to schedule authors and chairs in such a way as to avoid time conflicts (please let us know if something went wrong); however we cannot in any way guarantee the same for co-authors.

ODS2022 Schedule, v 2.11 August 29th, 2022

Abu Jomaa Nema TU 14:10 PM1 001; Optimal ordering under a low-quality substitute in case of shortage and stochastic lead time

Agnetis Alessandro TH 10:20 AM1 002; New results for sequencing two classes of jobs on a two-machine flow shop with a no-idle constraint

Agnetis Alessandro THAM1 002; Session Chair

Alaouchiche Yasmine TH 15:40 PM1 002; Throughput evaluation of large series-parallel production lines: a fast and efficient approach

Albini Teresa TU 14:50 PM1 003; Real-time optimization for a Digital Twin of a robotic cell with human operator

Aldinucci Tommaso WE 17:50 PM2 003; Contextual Decision Trees

Aliev Iskander WE 09:00 AM1 002; Sparse integer points in knapsack polyhedra and beyond

Almeida Ricardo TH 12:30 AM2 001; Optimization conditions for functionals dealing with variable order fractional derivatives and with dependence on an arbitrary function

Almeida Ricardo THAM2 001; Session Chair

Ambrosino Daniela WE 12:30 AM2 AUD B; Projects for getting a taste of problem solving and mathematics in high school

Ambrosino Daniela WEAM2 AUD B; Session Chair

Amodeo Lionel FR 10:00 AM1 001; Capacitated Disassembly Lot-Sizing Problem with Disposal Decisions for Multiple Product Types with Parts Commonality

Amorosi Lavinia TU 14:10 PM1 AUD B; A criterion space search algorithm for bi-objective mixed integer linear programs

Andrea Brilli FRAM2 AUD B; Session Chair

Apidopoulos Vassilis FR 10:20 AM1 003; Iterative regularization in classification via hinge loss diagonal methods

Apidopoulos Vassilis FRAM1 003; Session Chair

Archetti Claudia TH 10:20 AM1 001; Reinforcement Learning Approaches for the Orienteering Problem with Stochastic and Dynamic Release Dates

Archetti Claudia THAM1 001; Session Chair

Ardizzoni Stefano TH 11:30 AM2 AUD A; Shortest path with acceleration constraints: Complexity and approximation algorithms

Arnaout Jean-Paul M. FR 16:20 PM1 AUD A; A Preliminary Assessment of the Traffic Operations of Connected and/or Autonomous Vehicles

Arnaout Jean-Paul M. FRPM1 AUD A; Session Chair

Assemblea AIRO TH 17:30 PM2 AUD A; AIRO council meeting

Asta Veronica WE 16:40 PM1 AUD B; OPTIMeasy - Industrial presentation

Asta Veronica WE 17:50 PM2 002; Last mile and first mile trucks optimization

Astorino Annabella WE 16:40 PM1 003; Spherical and Polyhedral separation approaches for Multiple Instance Learning

Astorino Annabella WEPM1 003; Session Chair

Barbagallo Annamaria WE 09:40 AM1 001; A general Cournot-Nash equilibrium principle and applications to the COVID-19 pandemic

Barbato Michele WE 15:40 PM1 003; Simultaneous Feature Selection and Outlier Detection: New MILP Formulation and an Experimental Study

Bargetto Roberto FR 09:00 AM1 002; A branch-and-price-and-cut algorithm for operating room scheduling under human resource constraints

Belcore Orlando Marco TH 16:00 PM1 AUD A; C-Weibit discrete choice model: a path based approach

Beraldi Patrizia TU 17:10 PM2 001; Dynamic Pricing in the Electricity Retail Market: A Stochastic Bi-Level Approach

Beraldi Patrizia TUPM2 001; Session Chair

Bertsimas Dimitris WE 14:30 PM0 AUD A; HAIM: Holistic AI for Medicine

Bigi Federico TU 14:30 PM1 AUD A; A MILP Model for the Wagon Shunt-in Problem in Multimodal Rail Freight Transport

Boccia Maurizio TU 14:30 PM1 003; A Branch and Cut algorithm for the Flying Sidekick Traveling Salesman Problem

Bomze Immanuel WE 09:20 AM1 AUD B; Fast Cluster Detection in Networks by First Order Optimization

Bonomi Valentina FR 10:00 AM1 002; A Two-Stage Stochastic approach for the Integrated Multi-Period Combinatorial Auction and Nurse Routing Problem

Bonomi Valentina FRAM1 002; Session Chair

Boresta Marco TU 16:30 PM2 AUD B; Multi-objective simulation-based optimization using a machine learning-based mathematical programming model

Bosi Tommaso TU 14:10 PM1 AUD A; A MILP Model for the Wagon Shunt-in Shunt-out Problem in Rail Freight Transport

Bravi Luca FR 16:00 PM1 003; GPS data mining to infer fleet operations for personalised product upselling

Bravi Luca FRPM1 003; Session Chair

Brilli Andrea FR 12:10 AM2 AUD B; An interior point method for nonlinear constrained derivative-free Optimizatiom

Brito Paula WE 16:00 PM1 003; Multivariate Discriminant Analysis of Distributional Data

Bruglieri Maurizio FR 09:00 AM1 AUD A; Optimizing a real-time carpooling service

Cacchiani Valentina WE 16:40 PM1 AUD A; Integrated timetabling and eletric vehicle scheduling in public transport

Cacchiani Valentina WEPM1 AUD A; Session Chair

Cailloux Jocelin TH 09:00 AM1 002; Tabu search for industrial job clustering and scheduling problem

Cappanera Paola FR 17:00 PM2 AUD A; Closing session

Cappanera Paola FRPM2 AUD A; Session Chair

Cappanera Paola TUPM3 Museo degli Innocenti; Session Chair

Cappanera Paola WEPM2 AUD B; Session Chair

Cappugi Stefano WE 18:10 PM2 AUD B; FirLab - Industrial presentation

Caraballo M. Angeles TH 11:30 AM2 001; Environmental damage reduction: when countries face conflicting objectives

Carello Giuliana TU 15:10 PM1 002; Patient Appointment Scheduling for Chemotherapy treatments

Carello Giuliana TUPM1 002; Session Chair

Caruso Francesco WE 09:00 AM1 001; A general method for selecting subgame perfect Nash equilibria in two-player Stackelberg games

Castelli Lorenzo WE 09:00 AM1 AUD A; A distributed market mechanism for an efficient and equitable resource assignment

Catozzi Ambra WE 11:30 AM2 003; Bacterial Colonies Segmentation via Variational Approaches

Cavecchia Mirko FR 09:20 AM1 002; A Facility Location Problem to support Helicopter Emergency Medical Services

Cerrone Carmine WE 17:30 PM2 AUD A; A multi period VRP for evaluating distribution strategies

Cerulli Martina FR 15:40 PM1 002; The collapsed k-core problem

Cervellera Cristiano FR 12:30 AM2 AUD A; Receding-horizon dynamic optimization of port-city traffic interactions over shared urban infrastructure

Cervellera Cristiano FRAM2 AUD A; Session Chair

Ceschia Sara WE 16:20 PM1 002; Educational Timetabling: Problems; Benchmarks; and State-of-the-Art Results

Ceschia Sara WEPM1 002; Session Chair

Ceselli Alberto WE 16:20 PM1 003; Mathematical Programming and Machine Learning for a Task Allocation Game

Chaabouni Imen TU 14:10 PM1 003; Evaluation of economic impacts for a demand response program within a sawmill

Chenchene Enis TH 15:40 PM1 003; Distributed extension of the Douglas-Rachford method with applications.

Chirinos Rodriguez Jonathan TH 16:00 PM1 003; Learning Resolvent Operators

Civitelli Enrico TH 11:50 AM2 003; A Robust Initialization of Residual Blocks for Effective ResNet Training without Batch Normalization

Colibazzi Francesco WE 11:50 AM2 003; Learning regularized Gauss-Newton methods

Cordieri Silvia Anna TH 16:40 PM1 AUD B; A decomposition approach for the Central Energy System planning

Cordieri Silvia Anna THPM1 AUD B; Session Chair

Corno Jacopo WE 16:20 PM1 AUD B; Deix - Industrial presentation

Cosmi Matteo FR 11:30 AM2 001; Mathematical programming models for managing the profitability-sustainability trade-off in complex chemical value chains

Cristofari Andrea TH 09:00 AM1 AUD B; A decomposition method for lasso problems with zero-sum constraint

Croella Anna Livia FR 11:30 AM2 002; Real-time Train Scheduling: Reactive and Proactive Algorithms for Safe and Reliable Railway Networks

Croella Anna Livia TU 14:50 PM1 AUD A; Dynamic Discretization Discovery applied to train traffic re-scheduling

D'Ariano Andrea TUPM1 AUD A; Session Chair

D'Onofrio Federico FR 15:40 PM1 003; Maximum Margin Optimal Classification Trees

Daniele Patrizia WEAM2 001; Session Chair

Darabi Amir FR 11:30 AM2 003; Designing a broadband GRIN lens through a deep learning based data-driven method

De Francesco Carla TH 16:40 PM1 AUD A; Integer Linear Programming Formulations for the Fleet Quickest Routing Problem on Grids

De Francesco Carla THPM1 AUD A; Session Chair

De Giovanni Luigi TU 17:30 PM2 AUD A; Data-driven kernel search for trajectory based air traffic flow management

De Giovanni Luigi TUPM2 AUD A; Session Chair

De Maio Annarita FR 10:20 AM1 AUD B; Optimization techniques for the risk mitigation in the hazardous material truck transportation

De Maio Annarita FRAM1 AUD B; Session Chair

De Santis Marianna TU 15:10 PM1 AUD B; Designing sustainable diet plans by solving a tri-objective 0-1 linear problem

De Santis Marianna TUPM1 AUD B; Session Chair

Della Croce Federico FR 16:00 PM1 002; Operating rooms scheduling with a shared resource: a red-blue knapsack modeling approach

Della Croce Federico FRPM1 002; Session Chair

Den Hertog Dick TH 14:30 PM0 AUD A; Analytics for a Better World

Di Lorenzo David TH 16:20 PM1 AUD A; Ten years of Routist: vehicle routing lessons learned from practice

Di Martinelly Christine TU 14:30 PM1 002; An approach to healthcare services decision-making using fuzzy ELECTRE III. An outpatient chemotherapy service application.

Donato Maria Bernadette WE 11:30 AM2 001; Variational inequalities; maximal elements and economic equilibrium problems

Doneda Martina TU 14:50 PM1 002; A framework for at-home blood collection considering donor preferences

Dose Valerio TH 11:50 AM2 001; Active Network and Price of Anarchy in Multi-Commodity Routing Games with Variable Demands

Eichfelder Gabriele TU 17:10 PM2 AUD B; A new approach to solve multi-objective mixed-integer convex optimization problems

Errico Fausto WE 17:30 PM2 002; The fragility-constrained vehicle routing problem with time windows

Faccini Daniel FR 11:50 AM2 002; Models and Approximations for Optimization Problems under Uncertainty with Applications to Support Vector Machine and Revenue Management

Faccini Daniel TU 14:50 PM1 001; Bounds for Multistage Mixed-Integer Distributionally Robust Optimization

Fadda Edoardo TU 16:50 PM2 001; Robust Approaches for a Two-Stage Assembly-to-Order Problem.

Fargetta Georgia WE 16:40 PM1 001; Time-Dependent Generalized Nash Equilibria in Social Media Platforms

Faulin Javier TH 09:00 AM1 001; Multi-Stage Stochastic Optimization for a Biorefinery Supply Chain in Spain

Fedorov Stanislav FR 15:40 PM1 AUD B; Machine Learning heuristic for Variable Cost and Size Bin Packing Problem with Stochastic Items

Filippi Carlo TU 15:30 PM1 003; On crowd-shipping using public transport: MILP model and empirical evaluation

Filippi Carlo TUPM1 003; Session Chair

Fischetti Martina FR 10:20 AM1 AUD A; How the European Union uses Operations Research for transport analyses

Fischetti Martina FRAM1 AUD A; Session Chair

Franchini Giorgia WE 12:10 AM2 003; A line search based proximal stochastic gradient algorithm with dynamical variance reduction for finite-sum optimization problems

Frangioni Antonio TH 09:20 AM1 001; Stochastic Dual Dynamic Programming and Lagrangian decomposition for seasonal storage valuation in SMS++

Freixas Joep WE 18:10 PM2 001; On the search of an optimal tie-breaking system for sport competitions with a large number of participants

Freixas Josep WEPM2 001; Session Chair

Fugaro Serena FR 11:30 AM2 AUD B; Multi-Objective Covering Location Problems with advanced connectivity features and zonal requirements: Exact and Matheuristic approaches

Fugaro Serena FR 12:10 AM2 002; Optimizing and Reoptimizing: Tackling Static and Dynamic Combinatorial Problems

Fulová Terézia TH 09:20 AM1 AUD B; A conic optimization approach for solving Procrustes problems with quadratic constraints

Gaggero Mauro TH 16:20 PM1 002; A MILP Formulation and a Metaheuristic Approach for the Scheduling of Drone Landings and Payload Changes on an Automatic Platform

Gajda Mikele FR 16:00 PM1 AUD B; Last-mile delivery with vans and autonomous robots: an analysis on the impact of the return policy

Gallesi Francesco TH 11:50 AM2 AUD A; A Branch-and-Regret Algorithm for the Same-Day Delivery Problem

Galli Laura WE 10:20 AM1 002; Bi-dimensional Assignment in 5G Periodic Scheduling

Galli Laura WEAM1 002; Session Chair

Galli Leonardo TH 12:30 AM2 003; Robustness and Generalization in Training Deep Neural Networks

Garcia-Bernabeu Ana WE 12:10 AM2 002; Approaches to ESG - Integration in Portfolio Optimization using MOEAs

Garcia-Bernabeu Ana WEAM2 002; Session Chair

Garcia-Heredia David TU 16:50 PM2 AUD A; Metaheuristic algorithm for the Air Traffic Flow Management problem

Gaudioso Manlio TH 09:40 AM1 003; On the stepsize choice in subgradient methods.

Gharbi Mouna FR 10:00 AM1 003; GPU-based Implementations of MM Algorithms. Application to Spectroscopy Signal Restoration

Giuffrè Sofia WE 15:40 PM1 001; On the equivalence between constrained variational problems

Giusti Riccardo TU 15:10 PM1 003; A time-space multi-network modelling approach for the Location-Transshipment Problem in Synchromodal Logistics

Gnecco Giorgio FR 12:10 AM2 003; On dispersion curve coloring

Gnecco Giorgio FRAM2 003; Session Chair

Gobbi Alessandro FR 09:40 AM1 002; Nurse Routing Problem with Incompatible Services and Mini-mum Demand: An ALNS+Kernel Search solution approach

Gobbi Alessandro WE 12:15 AM2 AUD B; Teaching OR before University: the ROAR Experience (Part II)

Grammatico Sergio WE 12:10 AM2 001; Generalised Nash equilibrium seeking under partial information

Grandi Duccio WE 17:30 PM2 AUD B; M.A.I.O.R. and elite-level sporting events

Grangereau Maxime TH 09:40 AM1 001; Robust Optimization for Smart Charging of Electrical Vehicles

Grimard Tatiana FR 16:00 PM1 001; Supply chain design and cost allocation in a collaborative three-echelon supply network: A literature review

Grimard Tatiana FRPM1 001; Session Chair

Groelj Petra TU 17:30 PM2 003; Decision makers weights of importance based on the projection measure in DEMATEL

Groelj Petra TUPM2 003; Session Chair

Guastaroba Gianfranco TU 16:30 PM2 003; Designing optimal paths in large crowded events

Hanukov Gabi WE 17:50 PM2 001; Postponing Complementary Services

Hilario-Caballero Adolfo WE 11:30 AM2 002; A preference directions-based approach to integrate sustainability in portfolio selection

Hladík Milan TH 16:00 PM1 001; Complexity Issues in Interval Linear Programming

Holý Vladimír WE 15:40 PM1 002; High-Frequency Analysis of Price Clustering and Instantaneous Volatility

Hosteins Pierre TU 15:10 PM1 AUD A; Decomposition methods for an integrated rail-rail transshipment yard problem

Jovanovi-Vujatovi Milica FR 09:00 AM1 AUD B; Econometrics analysis of multidimensional urban poverty determinants

Laganà Demetrio TU 14:30 PM1 001; Pickup and delivery requests through a multi-company e-commerce platform

Lali Maksim FR 11:50 AM2 AUD A; Assisting Passengers on Rerouted Train Service Using Vehicle Sharing System

Lapucci Matteo FR 12:30 AM2 002; Theory and Algorithms for Sparsity Constrained Optimization Problems

Lapucci Matteo TH 10:00 AM1 003; Inexact Penalty Decomposition in General Settings

Lapucci Matteo THAM1 003; Session Chair

Lapucci Matteo WEPM2 003; Session Chair

Lazzaretti Marta WE 12:30 AM2 003; Iterative regularisation and modular-proximal algorithms in $L^{p(\cdot)}$ spaces for imaging problems

Letchford Adam WE 09:20 AM1 002; Cutting Planes for the Multiple Knapsack Assignment Problem

Liberti Leo WE 10:00 AM1 AUD B; Random projections for semidefinite programming

Liuzzi Giampaolo TU 16:50 PM2 AUD B; A derivative-free approach to mixed integer constrained multiobjective nonsmooth optimization

Locatelli Alberto WE 09:40 AM1 002; Knapsack problems - An Overview of Recent Advances

Locatelli Marco THAM2 AUD A; Session Chair

Locatelli Marco WE 09:40 AM1 AUD B; Sharp and fast bounds for the Celis-Dennis-Tapia problem

Lulli Guglielmo TU 17:10 PM2 AUD A; Solving the European Air Traffic Flow Management Problem

Luzzi Martina TU 16:50 PM2 003; An auction mechanism in restaurant business

Macciò Danilo FR 11:50 AM2 003; Voronoi recursive binary trees for the optimization of nonlinear functionals

Macrina Giusy FR 09:20 AM1 AUD A; Bundles generation and pricing in crowdshipping

Mancini Simona TH 09:20 AM1 002; Combined fleet sizing; facility location; and vehicle scheduling for electric public transport

Mancuso Andrea TH 12:10 AM2 AUD B; Optimization for surgery department management: an application to a hospital in Naples

Manerba Daniele TU 15:30 PM1 001; Stochastic Programs with extreme behaviors-focused second stages: a Deterministic Equivalent Formulation

Manerba Daniele TUPM1 001; Session Chair

Mansueto Pierluigi TU 17:30 PM2 AUD B; A Quasi-Newton Approach for Large Scale Multi-Objective Optimization

Mansueto Pierluigi TUPM2 AUD B; Session Chair

Marcucci Tobia TH 12:10 AM2 AUD A; Shortest paths in graphs of convex sets; and their applications in control and robotics

Masone Adriano TH 09:40 AM1 002; Exact and heuristic approaches for a parallel machine scheduling problem with maintenance activities

Mastroeni Giandomenico WE 09:20 AM1 001; A decomposition method for a linear problem with complementarity constraints

Mattia Sara TH 10:20 AM1 AUD B; Optimistic vs Pessimistic Policy in Bilevel Programming

Mattia Sara THAM1 AUD B; Session Chair

Meersman Tine TH 11:50 AM2 AUD B; Multi-objective optimisation for constructing cyclic appointment schedules for elective and urgent patients

Messana Rosario TH 09:40 AM1 AUD B; Enhancing online combinatorial optimization with linear profits using mathematical programming

Mezatio EP FR 12:30 AM2 001; Design forward and reverse closed-loop supply chain to improve economic and environmental performances

Miglionico Giovanna TU 15:10 PM1 001; A Robust Optimization Approach for Designing Renewable Energy Charging Stations

Molinari Cesare THPM1 003; Session Chair

Molinari Cesare WE 10:00 AM1 003; Iterative regularization for convex regularizers

Morandi Valentina WE 09:20 AM1 AUD A; Optimization models for fair horizontal collaboration in demand-responsive transportation

Moreschini Lorenzo TH 10:00 AM1 002; A New Kernel Search approach for the Knapsack Problem with Forfeits

Morgan Jacqueline WE 12:30 AM2 001; Viscosity solutions in multi-leader-common-follower games

Morini Benedetta WEAM2 003; Session Chair

Morotti Elena WE 09:00 AM1 003; A new converging approach for learnt optimization with applications to imaging

Mosca Veronica TU 17:10 PM2 003; Optimising the order picking process: CONAD case study

Mucciarini Mirko FR 09:00 AM1 001; Demand Forecasting Methods: A Case Study in the Italian Processed Meat Industry

Musmanno Roberto FR 16:20 PM1 AUD B; Selection of Cultural Sites via Optimization

Musmanno Roberto FRPM1 AUD B; Session Chair

Musmanno Roberto WE 11:30 AM2 AUD B; Introduction to Logistics Systems Management with Microsoft Excel and Python Examples

Mármol Amparo FR 09:40 AM1 AUD A; A pick-up rule for sharing transportation costs in itinerant events

Nagurney Anna TU 19:00 PM3 Museo degli Innocenti; Labor and Supply Chain Networks: It's All About People

Naldi Emanuele TH 16:20 PM1 003; Graph extension of the Douglas-Rachford method with minimal lifting

Naldini Federico WE 11:30 AM2 AUD A; Practical deployment of real-time railway traffic management algorithms: impact of process meta-parameters

Napoletano Antonio FR 15:40 PM1 AUD A; Vehicle routing at work: a real-world implementation and case studies

Nasso Maria Chiara TH 10:00 AM1 AUD B; Lipschitz global optimization using space-filling curves

Nonato Maddalena TU 14:10 PM1 002; The value of exploiting information in Logic-Based Benders Decomposition for chronic outpatients scheduling by Answer Set Programming

Obrenovi Nikola TH 16:20 PM1 001; The Crop Plant Scheduling Problem

Ondei Cristina WE 18:10 PM2 AUD A; Exact algorithms for the electric travelling salesman problem

Ondei Cristina WEPM2 AUD A; Session Chair

Pacciarelli Dario THPM2 AUD A; Session Chair

Pascariu Bianca TU 15:30 PM1 AUD A; Improving train punctuality by optimized train route selection in decision support systems

Passacantando Mauro WE 10:20 AM1 001; A finite convergence algorithm for solving network games with strategic complements and bounded strategies

Passacantando Mauro WEAM1 001; Session Chair

Patria Daniele TU 14:30 PM1 AUD B; Using Dual Bounds for Multiobjective Mixed Integer Quadratic Programming

Pecci Filippo WE 09:00 AM1 AUD B; A global optimization framework for resilient water distribution networks

Peng Bo FR 09:20 AM1 AUD B; Conic formulation of QPCCs applied to truly sparse QPs

Petris Matteo WE 15:40 PM1 AUD A; Extracting series-parallel subnetworks in rail infrastructures - benefits and limits

Pferschy Ulrich WE 10:00 AM1 002; On a knapsack game

Picca Nicolino Federica WE 16:00 PM1 AUD B; Intuendi - Industrial presentation

Piermarini Christian TU 16:50 PM2 002; The Ambulance Diversion phenomenon in an Emergency Department network: a case study

Pinto Diego Maria TH 09:00 AM1 AUD A; Optimal Network Design for Waste Management in Regional Districts: the PIPER Project

Pipicelli Eduardo WE 11:50 AM2 002; A mathematical model to locate Services of General Economic Interest

Pirouz Behzad WE 18:10 PM2 003; A Multi-Objective Programming Problem for Sparse Optimization with Application in SVM Feature Selection

Pisacane Ornella TH 15:40 PM1 AUD B; The Effect of Low Emission Zones on the Routing of Electric and Fossil-Fuel Vehicles

Pizzari Emanuele FR 09:40 AM1 AUD B; Bilevel Formulations for Municipal Waste Management

Porcelli Margherita WE 09:20 AM1 003; A spectral PALM algorithm for Dictionary Learning

Porta Federica TH 09:20 AM1 003; Proximal stochastic gradient methods with variable learning rate and dynamical variance reduction

Pozzi Matteo TH 16:00 PM1 AUD B; Integrated planning of multi-energy systems (PlaMES): a comprehensive modelling framework and decision support tool

Pozzi Matteo WE 17:50 PM2 AUD B; OPTIT - Industrial presentation

Pragliola Monica WE 09:40 AM1 003; Automatic parameter selection for the TGV regularizer in image restoration under Poisson noise

Pratelli Benedetta WE 16:20 PM1 AUD A; A sequential approach for large scale electric vehicle scheduling problems

Premoli Marco FR 10:00 AM1 AUD B; Comparing digital and quantum annealing heuristics: the cardinality constrained quadratic knapsack case

Puerto Justo TU 14:50 PM1 AUD B; The biobjective minimum-cost Perfect Matching and Chinese Postman Problems

Punzo Antonio TH 16:20 PM1 AUD B; Transmission expansion planning for future European energy grid

Raciti Fabio WE 16:20 PM1 001; A multiclass network international migration model under shared regulations

Raffaele Alice FRAM2 002; Session Chair

Raffaele Alice TH 12:30 AM2 002; On Vertex Enumeration and Hypergraph Dualization: relevance in combinatorial optimization and a new decomposition approach

Raffaele Alice THAM2 002; Session Chair

Rauhut Holger WE 17:30 PM2 003; Implicit bias of gradient descent for learning linear neural networks

Rebegoldi Simone WE 10:20 AM1 003; Stochastic trust-region methods with subsampling for finite-sum minimization problems

Rebegoldi Simone WEAM1 003; Session Chair

Ren Xuan FR 16:00 PM1 AUD A; The Truck and Drone Routing with Delivery and Optional Pickups

Rener Elena TH 11:30 AM2 002; On the solution of optimal timing problems for single machine rescheduling problems with new jobs arrival

Requejo Cristina TH 09:20 AM1 AUD A; A preliminary approach to the short-length time-slotted routing topologies problem

Rey David TH 09:40 AM1 AUD A; MaaS network pricing with non-cooperative transportation service providers

Roberti Roberto FR 10:20 AM1 001; Anticipatory Time Window Assignment for Next-Day Service Routing

Roberti Roberto FRAM1 001; Session Chair

Rodriguez Joaquin WE 12:30 AM2 AUD A; Train-based instance reformulation in real-time Railway Traffic Management

Rodriguez Joaquin WEAM2 AUD A; Session Chair

Roma Marco TU 16:30 PM2 002; Mid term scheduling of medical staff at a hospital network by Answer Set Programming: a case study

Romanin Jacur Giorgio FR 11:50 AM2 001; Generalized Model of a Production System with Fixed Supplies and Deliveries

Ronco Roberto FR 09:20 AM1 001; A new efficient heuristic for the Automatic Scene Detection Problem

Russo Davide Donato TH 10:00 AM1 AUD A; Path planning for autonomous vehicles in smart wherehouses

Saccani Irene TH 12:30 AM2 AUD A; Multi-agent Path Finding on Strongly Connected Digraphs

Salvatore Cecilia TH 11:30 AM2 003; Model Extraction based on Counterfactual Explanations

Sambo Francesco WE 15:40 PM1 AUD B; Verizon Connect Italy - Industrial presentation

Samà Marcella WE 10:00 AM1 AUD A; Risk evaluation considering uncertain dwell times of real-time Railway Traffic Management solutions

Samà Marcella WEAM1 AUD A; Session Chair

Sanguineti Marcello TH 12:10 AM2 001; Detection of the Origin of Movement: Graph-Theoretical Model and Data Processing

Sartor Giorgio WE 11:50 AM2 AUD A; Large-scale real-time dispatching in the Greater Oslo area

Sasso Valerio Giuseppe WE 10:00 AM1 001; Nonsmooth Hierarchical Multi Portfolio Selection

Savku Emel TH 15:40 PM1 001; A constrained nonzero-sum game application: Bancassurance

Scaparra Maria Paola FR 14:30 PM0 AUD A; Leveraging OR to build more sustainable; resilient; and equitable communities in Southeast Asia

Scatamacchia Rosario TH 16:40 PM1 001; ZERO Regrets Algorithm: Optimizing over Pure Nash Equilibria via Integer Programming

Scatamacchia Rosario THPM1 001; Session Chair

Schettini Tommaso TH 11:50 AM2 002; A Heuristic Algorithm for the Capacitated Demand-Driven Metro Timetabling Problem

Schoen Fabio WEAM1 AUD B; Session Chair

Schoen Fabio WEPM0 AUD A; Session Chair

Sciacca Daniele WE 11:50 AM2 001; Disaster Management with UAVs and 5G technology: a Three-Stage Stochastic network-based Optimization Model

Sciandrone Marco THAM2 003; Session Chair

Sciandrone Marco WEPM1 AUD B; Session Chair

Scopelliti Domenico WE 16:00 PM1 001; Quasi-variational problems with non-self map on Banach space

Scrimali Laura WEPM1 001; Session Chair

Serra Domenico TH 12:10 AM2 002; New Approaches for the kidney exchange problem

Siadati Saba FR 15:40 PM1 001; A Two-echelon Time-dependent Green Location-Routing Problem

Smriglio Stefano TH 10:00 AM1 001; Robust optimization models in call centers workforce management

Soolaki Majid TU 16:30 PM2 AUD A; New mathematical model for extended arrival management capabilities

Sorgente Carmine TH 16:00 PM1 002; Cluster Deletion Problem

Sortino Alessio TH 16:40 PM1 002; Scheduling Airport Personnel by Exact Optimization Models

Sortino Alessio THPM1 002; Session Chair

Spinelli Andrea TU 16:30 PM2 001; A Robust Optimization Model for Nonlinear Support Vector Machine

Stankovi Jelena J. WE 17:30 PM2 001; Urban Poverty and Material Deprivation: A Spatial Efficiency Assessment

Stecca Giuseppe FR 12:10 AM2 001; A model and a solution approach for optimal green investment in a two stage supply chain

Stecca Giuseppe FRAM2 001; Session Chair

Stecco Gabriella FR 12:10 AM2 AUD A; Scheduling and Routing of AGVs: solving industrial applications using Constraint Programming

Sterle Claudio WE 12:00 AM2 AUD B; OPS4Math project: teaching optimization and problem solving at Secondary Schools

Sudoso Antonio M. TH 09:00 AM1 003; Global Optimization for Cardinality-constrained Minimum Sum-of-Squares Clustering via Semidefinite Programming

Tamburini Caterina TH 11:30 AM2 AUD B; CHP Systems Optimization in Presence of Time Binding Constraints

Tanfani Elena TUPM2 002; Session Chair

Taranto Eugenia WE 11:45 AM2 AUD B; Operations Research at high school: its impact on modelling skills and beyond

Tardella Fabio THPM0 AUD A; Session Chair

Tessitore Marta Leonina WE 09:40 AM1 AUD A; Identifying Railway Timetable Fragility

Tondji Lionel FR 09:00 AM1 003; Faster Randomized Block Sparse Kaczmarz by Averaging

Traoré Cheik FR 09:20 AM1 003; Asynchronous parallel block-coordinate forward-backward algorithm

Trepat Borecka Jacob WE 16:00 PM1 AUD A; Computational Evaluation of Logic-based Benders Cuts for Railway Scheduling

Trnovska Maria FR 09:40 AM1 001; A unified approach to data envelopment analysis models

Truvolo Maria WE 17:50 PM2 AUD A; Selection of pickup-delivery points in urban areas to reduce emission costs

Turbian Chiara WE 16:00 PM1 002; A Two-Dimensional Bin Packing Problem with Precedence Constraints in the Sheet Metal Industry

Ulusoy Aly-Joy FR 11:50 AM2 AUD B; Multi-objective design-for-control of water networks with global bounds

Vega Cristian FR 09:40 AM1 003; Iterative regularization for convex regularizers with activation onto a priori information

Venturini Sara TH 12:10 AM2 003; Semi-supervised learning in multilayer hypergraphs

Vidigal Corrêa Victor Hugo TH 10:20 AM1 AUD A; An Iterated Local Search Algorithm for a Multi-period Orienteering Problem Arising in Car Patrolling

Vidigal Corrêa Victor Hugo THAM1 AUD A; Session Chair

Vilke Sinia FR 10:00 AM1 AUD A; Decision support system in urban traffic management

Visintin Filippo FRPM0 AUD A; Session Chair

Vocaturo Francesca FR 11:30 AM2 AUD A; Graph Partitioning in Public Transport

Yi Xiajie WE 12:10 AM2 AUD A; Coordinated perturbation management in railway traffic

Zangara Gabriele TH 12:30 AM2 AUD B; A flexible job shop scheduling model for Sustainable Manufacturing
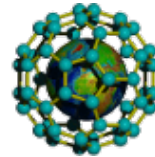
Zangara Gabriele THAM2 AUD B; Session Chair

Zanotti Roberto TH 15:40 PM1 AUD A; A matheuristic approach for a Vehicle Routing Problem with Parcel Lockers and Green Customers

Zufferey Nicolas WE 18:10 PM2 002; Reducing the supply-chain nervosity thanks to flexible planning

Zufferey Nicolas WEPM2 002; Session Chair

Acknowledgments

Invited Sessions

We also acknowledge the precious contributions of the organizers of Invited Sessions:

AMUO Advances in Multiobjective Optimization, organized by Marianna De Santis (Sapienza, Univ. di Roma), Pierluigi Mansueto (Univ. di Firenze)

EQVA Equilibria, variational models and applications, organized by Mauro Passacantando

GO Global Optimization, organized by Fabio Schoen (Univ. di Firenze)

HCM Health Care Management, organized by Giuliana Carello (Politecnico di Milano), Elena Tanfani (Univ. di Genova)

KNAP Knapsack Problems, organized by Adam Letchford (Lancaster University), Laura Galli (Univ. Pisa)

MLO4EMD Machine learning-based optimization for extreme metamaterials design, organized by Andrea Bacigalupo (University of Genoa), Francesca Fantoni (University of Brescia), Giorgio Gnecco (IMT Lucca)

MUOS Multicriteria Optimization for sustainability, organized by Marianna De Sesantis, Lavinia Amorosi (Sapienza, Univ. di Roma)

NODAI Numerical optimization for data analysis and imaging, organized by Benedetta Morini, Simone Rebegoldi (Univ. di Firenze)

NOML Nonlinear Optimization and Machine Learning, organized by Matteo Lapucci (Univ. di Firenze), Marco Sciandrone (Sapienza Univ di Roma)

OML Optimization for machine learning, organized by Cesare Molinari, Vassilis Apidopoulos, Silvia Villa (MaLGa, DIMA, Universitá degli Studi di Genova)

OPTSM Optimization in Public Transport and Shared Mobility, organized by Andrea D'Ariano (Univ Roma Tre), Valentina Cacchiani (Univ. di Bologna)

OUUTA Optimization under Uncertainty: Theory and Applications, organized by Francesca Maggioni (Univ. di Bergamo), Patrizia Beraldi (Univ. Calabria)

PRPI Path and routing problems in industry, organized by Marco Locatelli (Univ. di Parma)

RAVIEP Recent Advances in Variational Inequalities and Equilibrium Problems, organized by Patrizia Daniele, Laura Scrimali (University Catania)