Day	Start	End	Session	Chair	Lecture Title
Monday Feb. 9	8:00	9:00	REGISTRATION		
	9:00	9:20	PH.D. SCHOOL OPENING	10AYW organizing committee	
	9:30	11:00	MATTEO FISCHETTI	Alice Raffaele	Benders and Bilevel Optimization
	11:00	11:30	COFFEE BREAK		
	11:30	13:00	MARCO DI SUMMA	Gabriele Sanguin	Comparing branch-and-bound, cutting planes, and branch-and-cut
	13:00	14:30	LUNCH BREAK		
	14:30	16:00	FRANCESCO RINALDI	Matteo Pernini	Frank–Wolfe and friends: a journey into projection-free optimization methods
	16:00	16:30	COFFEE BREAK		
	16:30	18:00	DOMENICO SALVAGNIN	Francesco Cavaliere	Computational Research 101

Day	Start	End	Session	Session Title	Chair	Start Time	Name	Title
Tuesday, Feb. 10	8:00	9:00	REGISTRATION					
	9:00	9:20	WORKSHOP OPENING		10AYW organizing committee			
	9:20	11:00	1	Transportation and Logistics I	Francesco Cavaliere	9:20	Abdelouahab Moubane	Modeling and Optimization of Truck and Robot Routing without Robot-Depots
						9:40	Fabio Buffoli	Beating Highway Gridlock: Iterative User Equilibrium with Local Congestion Caps
						10:00	Antonino Carè	Last-mile Delivery with Autonomous Robots and Public Transport Line
						10:20	Pierre Vendé	The Electric Vehicle Fleet Composition Problem with temperature considerations
						10:40	Khaoula Kharfati	A Two-Stage Decomposition Method for the Electric Traveling Salesman Problem with Time Windows
	11:00	11:30	COFFEE BREAK					
	11:30	12:30	2	Scheduling and Timetabling I	Alessandro Druetto	11:30	Annalisa Castelletti	Batch Scheduling with Compatible Families and Setups: Enhanced MILP Formulations
						11:50	Lorenzo Tomasetti	A Comprehensive Hybrid Flow Shop Scheduling Model for Steelmaking and Ingot Casting
						12:10	Marco Zunino	University Timetabling with Professor Preferences: Exact and Heuristic Methods
	12:30	14:00	LUNCH BREAK					
	14:00	15:00	WOLFRAM WIESEMANN		Anthony Palmieri			Large-Scale and Data-Driven Markov Decision Processes
	15:00	16:00	3	Optimization under Uncertainty I	Lorenzo Perinello	15:00	Federica Donnini	Heuristics for two-stage stochastic K-adaptability
						15:20	Hubert Villuendas	First-Order Methods for Distributionally Robust Mixed-Integer Optimization
						15:40	Soroush Fatemi-Anaraki	Network Flexibility Design Under Endogenous Uncertainty
	16:00	16:30	COFFEE BREAK					
	16:30	17:30	4	Advances in Mathematical Programming I	Matteo Pernini	16:30	Diego Scuppa	A gradient method with momentum for Riemannian manifolds
						16:50	Elisa Trasatti	Manifold optimization methods for the XY random field
						17:10	Riccardo Tomassini	Combining discretization and exact penalty techniques in semi-inifite programming
	17:30	18:30	5	Energy and Environmental Applications I	Martina Galeazzo	17:30	Andrea Spinelli	A Stochastic Electric Vehicle Routing Problem under Uncertain Energy Consumption
						17:50	Pietro Girardis	A Three-Stage Lexicographic Constraint Programming Approach for an Energy-Efficient Scheduling Problem
						18:10	Leena Aizdi	Energy-Aware Sequencing and Routing in GreenWarehouses by Integrating Energy Management Systems and Renewable Energy
Wedn., Feb. 11	8:00	9:00	REGISTRATION					
	9:00	10:00	6	Network Optimization I	Gabriele Sanguin	9:00	Eleonora Bellesso	Analysis of a general regularized continuous formulation for the maximum s-plex problem
						9:20	Roberto Ronco	On the Spectrum of Path-Length Density Matrices of Unrooted Binary Trees
						9:40	Stefano Ardizzoni	Shortest Path Problem with Functional Edge Costs
	10:00	10:30	COFFEE BREAK					
	10:30	11:30	STEFAN ROPKE		Francesco Cavaliere			Vehicle Routing Problems
	11:30	12:30	7	Scheduling and Timetabling II	Martina Doneda	11:30	Alice Daldossi	Building a fair and efficient surgical unit: insights from academic vascular surgery
						11:50	Sara Cambiaghi	A Column-Generation Approach to Joint Master Surgical Scheduling and Case Assignment under Bed Capacity Constraints
						12:10	Martina Doneda	An ILP approach to urgent patient management in an orthopedic department
	12:30	14:00	LUNCH BREAK					
	14:00	15:00	8	Transportation and Logistics II	Matteo Cosmi	14:00	Cevat Enes Karaahmetoglu	Multiobjective Route Planning for Multi-Truck Multi-UAV Operations: Multi-Visit Sorties and Flexible Rendezvous Points
						14:20	Paolo Beatrici	A Benders decomposition approach for a green bi-objective stochastic fleet size and mix vehicle routing problem
						14:40	Veronica Mosca	Multi-Quality Multi-Objective Green VRP with Air-Conditioning Systems
	15:00	16:00	9	Optimization under Uncertainty II	Marta L. Tessitore	15:00	Arianna Freda	Cost-Aware Scheduling under Uncertainty: An Optimization Model for Heart Donor Management
						15:20	Giovanni Spisso	The Maximum Clique Problem under Adversarial Uncertainty: a min-max approach
						15:40	Yasmany Fernández Fernández	Hybrid Strategy in the Robust Evacuation Problem Considering Network Complexities
	16:00	17:00	10	Heuristics and Metaheuristics	Martina Galeazzo	16:00	Elisa Savio	A Tabu Search for the Three-Dimensional Block Relocation Problem with Item Families
						16:20	Seyyedeh Reihaneh Naghib Hosseini	Minimizing the Energy Consumption of Terminal Vehicles for Stowage Planning
						16:40	Enrico Brambilla	Relax-and-Explore Kernel Search for Multidimensional Multiple-Choice Knapsack Problems
	17:00	19:30	SOCIAL EVENT AT PALAZZO BO SPONSORED BY HEXALY					

Day	Start	End	#	Session / Event	Chair / Speaker	Time	Speaker	Title
Thursday, Feb. 12	8:00	9:00		REGISTRATION				
	9:00	10:00	11	**Network Optimization II**	Anthony Palmieri	9:00	Luca Pirolo	Optimal location of e-bike chargers ontouristic cycleway networks
						9:20	Fabio Ciccarelli	Branch-and-price strikes back for the k-vertex cut problem
						9:40	Nikola Kovačević	Network design and material flow simulationfor wood value chains
	10:00	10:30		COFFEE BREAK				
	10:30	11:30		MARTINE LABBÉ	Matteo Pernini			Solving Chance-Constrained (mixed integer) Linear Optimization Problems with Branch-and Cut
	11:30	12:30	12	**Transportation and Logistics III**	Sara Stoia	11:30	Alessia Ciacco	Steiner Traveling Salesman Problem withTime Windows and Pickup–Delivery:integrating classical and quantumoptimization
						11:50	Federico Michelotto	A Novel Decomposition Scheme for theCVRP
						12:10	Sara Stoia	Crowdshipping and Locker Solutions forDynamic Last-Mile Delivery
	12:30	14:00		LUNCH BREAK				
	14:00	14:30		INDUSTRIAL 1 – Hexaly & Mosek	Lorenzo Perinello			
	14:30	15:30	13	**Advances in Mathematical Programming II**	Gabriele Sanguin	14:30	Edoardo Cesaroni	Derivative-Free Bilevel Optimization withInexact Lower-Level Solutions
						14:50	Matteo Zanella	MIP Formulations for Delete-Free AIPlanning
						15:10	Mariagrazia Cairo	On the Lagrangian Relaxation in aBi-Objective Branch and Bound algorithm
	15:30	16:50	14	**Transportation and Logistics IV**	Martina Doneda	15:30	Luca Dalla Costa	A Constrained Shortest Path Algorithm forDynamic Airspace Configuration
						15:50	Filippo Magi	Tactical Deconfliction with Speed and PathModifications for Urban Air Mobility
						16:10	Yingzhi Wang	Airport subsidy for air-HSR intermodal service in a multi-airport system: Direct amount vs. discount
						16:30	Carlo Maria Aloe	Bi-Objective Programming for Time–Energy AS/RS Cycle Planning in Single-Deep Racking
	16:50	17:20		COFFEE BREAK + GROUP PICTURE				
	17:20	18:30		AIROYOUNG ROUNDTABLE + MEETING	Alice Raffaele, AIROYoung board			
	20:00	23:00		SOCIAL DINNER AT OSTERIA ANTICO BROLO				
Friday, Feb. 13	8:00	9:00		REGISTRATION				
	9:00	10:00	15	**Energy and Environmental Applications II**	Francesco Cavaliere	9:00	Gianluca Sabbatini	A Rolling Horizon Multi-Stage OptimizationFramework for Local Flexibility Procurement
						9:20	Giovanni Micheli	Multi-horizon optimization for domestic renewableenergy system design under uncertainty
						9:40	Silvia Cordieri	An Energy-Efficient OptimizationStrategy for Multi-Carrier EnergySystems
	10:00	10:30		COFFEE BREAK				
	10:30	11:30		HANDE YAMAN	Lorenzo Perinello			Partitioning a Graph into Connected Components
	11:30	12:50	16	**Scheduling and Timetabling III**	Gabriele Sanguin	11:30	Silvia Iuliano	A Global Optimization-based Methodology for Providing Grid Ancillary Services by Electric Vehicles Scheduling
						11:50	Lingyuan Shi	Integrated optimization of train rescheduling and speed management during partial blockages:A decomposition approach
						12:10	Xinyi Ye	On Makespan Scheduling with Stability
						12:30	Marco Dottor	Efficient methods for large-scale cricketfarming
	12:50	14:15		LUNCH BREAK				
	14:15	14:30		INDUSTRIAL 2 – TBD	Matteo Pernini			
	14:30	15:50	17	**Learning-based Optimization**	Anthony Palmieri	14:30	Alessandro Minoli	A Data-Driven State Exploration Policy inDynamic Programming for RCESPP
						14:50	Angjelo Zojzi	An optimal dispatching method for incoming alarms in security operations centers
						15:10	Chiara Faccio	Fast and Simple Multiclass Data Segmentation: An Eigendecomposition and Projection-Free Approach
						15:30	Virginia Marcelli	Tailored Heuristics for Margin OptimalRegression Tree
	15:50	16:20		COFFEE BREAK				
	16:20	17:20	18	**Scheduling and Timetabling IV**	Serena Fugaro	16:20	Martina Luzzi	Human resources management in SMEs: an optimized and innovativeframework
						16:40	Alex Fabián Barrales Araneda	Heuristic Approaches for Timetabling andVehicle Scheduling with Electric Buses
						17:00	Serena Fugaro	A Soft-Constrained Multi-Objective FacilityLocation approach to design a HouseholdWaste Recycling Centres network in UK
	17:20	18:00		CLOSING	10AYW organizing committee			

Last update: January 17, 2026