Thursday, May 14, 2026

8:30 - 9:00	Registration: Registration desk (hall)	
9:00 - 9:10	Opening Session: room 6.1.36	
9:10 - 10:10	**Plenary Session** (room 6.1.36) - Chair: Luís Gouveia **Joerg Kalcsics** - *Firefighter Games on Graphs*	
10:10 - 10:40	Coffee break: Atrium	
10:40 - 12:00	**Session Thu-A1** (room 6.1.36) **Combinatorial Optimization I** Chair: Manuel V. C. Vieira	**Session Thu-A2** (room 6.2.47) **Covering and Packing** Chair: Yunus Eroglu
	Agostinho Agra Two-stage distributionally robust mixed-Integer programs with finite support: modeling and solution approaches	Kobe Grobben Covering and packing mixed-integer programs with a fixed number of constraints: Approximation and convex hull
	Francisco Temprano Garcia Non-Convex Stackelberg Security Games	Simona Mancini A Bi-level hierarchical knapsack in retail assortment optimization
	Katarzyna Nałęcz-Charkiewicz Comparative Analysis of QUBO Encodings for the Traveling Salesman Problem in Simulated and Quantum Annealing	Ulrich Pferschy On the Advertisement Knapsack Problem
	Manuel V. C. Vieira Instant Runoff voting via integer programming	Yunus Eroglu Cluster Coverage Optimization of Urban Emergency Services: A Study on the Gaziantep Road Network
12:00 - 14:00	Lunch (C6 restaurant)	
14:00 - 15:20	**Session Thu-B1** (room 6.1.36) **Graph Theory** Chair: Alain Hertz	**Session Thu-B2** (room 6.2.47) **Multiobjective Programming** Chair: Marta Pascoal
	João Telhada Cluster representative formulations for the k-plex partitioning problem	Eranda Cela Fair resource allocation of indivisible items over time
	Mathieu Gervais-Dubé Three Algorithms for the Minimum Decycling Set Problem	Elise Bangerter A column-generation approach for an electricity technician routing and scheduling problem with a lexicographic objective
	Valentin Dusollier Determining extremal chemical graphs of maximum degree at most 3 via a polyhedral description	Margarida Aires de Abreu Comparison of epsilon-constraint algorithms for a bi-objective CVRP
	Alain Hertz Generating extremal chemical graphs for a given degree-based topological index	Marta Pascoal Approaches to finding discrete representations of bi-objective combinatorial problems
15:20 - 15:50	Coffee break: Atrium	
15:50 - 16:50	**Plenary Session** (room 6.1.36) - Chair: Silvano Martello **William Cook** - *The Traveling Salesman Problem: Amazon Deliveries, Pub Walks, and Astro Tours*	
16:50 - 18:10	**Session Thu-C1** (room 6.1.36) **Routing I** Chair: Nicola Ronchini	**Session Thu-C2** (room 6.2.47) **Bioinformatics I** Chair: Marta Szachniuk
	Francisco Canas Formulations and branch-and-cut algorithms for cycle covers with up to p cycles	Jörn Schönberger If Prof. Dijkstra had used the tram ...
	Sofia Henriques A matheuristic and a hybrid algorithm for the asymmetric period travelling salesman problem	Olgierd Ludwiczak A complex metric for assessing the structure of RNA molecules based on torsion angles
	Mafalda Ponte A Matheuristic approach for the Traveling Salesman Problem with positional consistency	Dariusz Dziel Aggregating local geometric decisions in RNA 3D structure assessment
	Nicola Ronchini Integrating Redundancy and Sensing Range in Sweep Coverage via Column Generation	Marta Szachniuk Combinatorial modeling of RNA interactions

Friday, May 15, 2026

9:10 - 10:30	**Session Fri-A1** (room 6.1.36) **Routing II** Chair: Maurizio Bruglieri	**Session Fri-A2** (room 6.2.47) **Combinatorial Optimization II** Chair: Juan José Salazar González
	Okan Ozener Optimizing Salesperson Routing with Integrated Travel and Accommodation Decisions	Akiyoshi Shioura Minimization of a Jump M-convex Function with L1-distance Constraint
	Tomás Kapancioglu Formulations and an exact algorithm for the Traveling Thief Problem	Olivier Hudry Complexity of unicity problems
	Gonçalo Cunha Cyclic Exchange Heuristics for the Hamiltonian P-Median Problem	Aimen Taha Constructing Instances with Large Integrality Gap using Machine Learning
	Maurizio Bruglieri The Electric Vehicle Routing Problem with Capacitated Public Recharging Stations	Juan José Salazar González Solving some Optimal Area Polygonisation Problems
10:30 - 11:00	Coffee break: Atrium	
11:00 - 12:00	**Plenary Session** (room 6.1.36) - Chair: Bo Chen **Gábor Galambos** - *On the Coupled of Task Problems*	
12:00 - 14:00	Lunch (C6 restaurant)	
14:00 - 15:20	**Session Fri-B1** (room 6.1.36) **Routing III** Chair: Cândida Mourão	**Session Fri-B2** (room 6.2.47) **Scheduling** Chair: Chesoong Kim
	Tiago Silva Tabu Search approaches for the Vehicle Routing Problem with time windows and uncertain travel times	Valentina Cacchiani A Branch-and-Check algorithm for short-term rolling stock scheduling with platform assignment
	Chandra Irawan Vessel Route Optimization for Offshore Wind Farm Maintenance Tasks	Joanna Berlińska Two-machine open shop with limited storage space
	Alberto Santini A park-and-loop routing problem with parking selection and multiple deliverymen	Arthur Mazeyrat Minimizing the Grid Capacity for Electric Vehicle Charging under Critical Peak Pricing
	Cândida Mourão Location-Ground Aerial Routing Problem for the Inspection of Electric Lines	Chesoong Kim Optimization of Dynamic Pricing in Hybrid Queueing Systems with Reputation-Dependent Demand and Congestion
15:20 - 15:50	Coffee break: Atrium	
15:50 - 16:50	**Session Fri-C1** (room 6.1.36) **Bioinformatics II** Chair: Maciej Antczak	
	Wojciech Rączka Large-scale analysis and clustering of RNA 3D structures	
	Tomasz Żok Automatic Redundancy Removal	
	Maciej Antczak Can GNN-based models reliably recognize native-like 3D RNA structures?	

Saturday, May 16, 2026

9:30 - 10:30	**Session Sat-A1** (room 6.1.36) **Routing IV** Chair: José Oliveira	**Session Sat-A2** (room 6.2.47) **Applications** Chair: Monika Ferenčáková
	Konstantin Pavlikov On Integration of the Extended Mathematical Programming Formulations for the Travelling Salesman and Vehicle Routing Problems	Miguel Constantino Designing Resilient Forest Road Networks for Wildfire Response
	Daniil Khachai On Implementing the Traub–Vygen Approximation Algorithm for the Asymmetric Traveling Salesman Problem: Computational Experiments and Insights	Adelaide Cerveira Wind Farm Cable Layout Optimization under General Load Factors
	José Oliveira The Heterogeneous Fleet Vehicle Routing Problem with Arc-Dependent Difficulty Levels: A Constructive Heuristic and MILP Formulation	Monika Ferenčáková Spatial Planning of Environmental services in Slovakia
10:30 - 11:00	Coffee break: Atrium	
11:00 - 12:00	**Plenary Session** (room 6.1.36) - Chair: Paolo Toth **Sergio García Quiles** - *Facility location models with preferences constraints*	
12:00 - 12:15	Closing Session: room 6.1.36	