

Program

Monday – July 1, 2019

10:00 – 10:50 Registration and Coffee

10:50 – 11:00	Opening (C3)
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	C3, chair: Johann Hurink	C4, chair: Hajo Broersma
11:00 – 11:30	Christoph Buchheim, Dorothee Henke The robust bilevel continuous knapsack problem	Wei Zheng, Hajo Broersma, Ligong Wang Toughness and forbidden subgraphs for hamiltonian-connected graphs
11:30 – 12:00	Martina Cerulli, Claudia D’Ambrosio, Leo Liberti On aircraft deconfliction by bilevel programming	Radu Mincu, Camelia Obreja, Alexandru Popa The graceful chromatic number for some particular classes of graphs
12:00 – 12:30	Gaia Nicosia, Andrea Pacifici, Ulrich Pferschy, Edoardo Polimeno, Giovanni Righini Optimally rescheduling jobs under LIFO constraints	Samuel Mohr On Uniquely Colourable Graphs

12:30 – 14:00 Lunch

	C3, chair: Bodo Manthey	C4, chair: Andrea Pacifici
14:00 – 14:30	Zacharias Heinrich, Rüdiger Reischuk Improved Dynamic Kernels for Hitting-Set	Andreas Schwenk On the Problem Class of Optimal Technology Implementation into a Multisectoral Energy System (OTIMES)
14:30 – 15:00		Julie Poullet, Axel Parmentier Ground staff shift planning under delay uncertainty at Air France
15:00 – 15:30	Temel Öncan, M. Hakan Akyüz, İ. Kuban Altinel An exact algorithm for the maximum weight perfect matching problem with conflicts	Xavier Ouvrard, Jean-Marie Le Goff, Stéphane Marchand-Maillet Multi-diffusion in Hb-graphs

15:30 – 16:00 Coffee

	C3, chair: Giovanni Righini	
16:00 – 16:30	Matteo Cosmi, Gaia Nicosia, Andrea Pacifici Lower bounds for a meal pickup-and-delivery scheduling problem	
16:30 – 17:00	Marco Casazza, Alberto Ceselli, Giovanni Righini A single machine on-time-in-full scheduling problem	
17:00 – 17:30	Stefan Lendl, Britta Peis, Veerle Timmermans Matroid Sum with Cardinality Constraints on the Intersection	

17:30 – Dinner (on your own)

Tuesday – July 2, 2019

8:15 – 8:45 Coffee

	C3, chair: Marc Uetz	C4, chair: Hajo Broersma
8:45 – 9:15	Nili Guttmann-Beck, Michal Stern Clustered Feasibility by Breaking	Hüseyin Acan, Sankardeep Chakraborty, Seungbum Jo, Srinivasa Rao Satti Succinct Data Structures for Families of Interval Graphs
9:15 – 9:45	Florian Thaeter Hardness of k -anonymous microaggregation	Amotz Bar-Noy, Toni Böhnlein, David Peleg, Dror Rawitz Vertex-Weighted Realizations of Graphs
9:45 – 10:15	Gabriele Iommazzo, Claudia D'Ambrosio, Antonio Frangioni, Leo Liberti Algorithmic configuration by learning and optimization	Qiannan Zhou, Hajo Broersma, Ligong Wang, Yong Lu On sufficient spectral radius conditions for hamiltonicity

10:15 – 10:45 Coffee

	C3, chair: Matthias Walter	C4, chair: Johann Hurink
10:45 – 11:15	Samuel Fiorini, Krystal Guo, Marco Macchia, Matthias Walter Lower Bound Computations for the Nonnegative Rank	Benjamin Gras, Mathieu Liedloff Enumeration of Minimal Connected Dominating Sets in chordal bipartite graphs
11:15 – 11:45	Axel Parmentier, Victor Cohen, Vincent Leclère, Guillaume Obozinski, Joseph Salmon Mathematical programming for influence diagrams	Zhiwei Guo, Hajo Broersma, Binlong Li, Shenggui Zhang Compatible spanning circuits in edge-colored Fan-type graphs
11:45 – 12:15	Victor Cohen, Axel Parmentier Linear programming for Decision Processes with Partial Information	Alexander Grigoriev, Tim A. Hartmann, Stefan Lendl, Gerhard J. Woeginger Dispersing obnoxious facilities on a graph

12:15 – 13:00 Lunch

13:00 – 17:00 Excursion to Grolsch (departure in front of the U Parkhotel)

18:00 – Conference dinner (BBQ) – location: Boerderij Bosch (building 62 on campus map)

Wednesday – July 3, 2019

8:30 – 9:00 Coffee

	C3, chair: Walter Kern	C4, chair: Gaia Nicosia
9:00 – 9:30	Michael A. Henning, Arti Pandey, Vikash Tripathi Algorithm and Hardness Result for Semi-paired Domination in Graphs	Reinoud Joosten, Eduardo Lalla-Ruiz Inductive Shapley values in cooperative transportation games
9:30 – 10:00	Tommaso Adamo, Gianpaolo Ghiani, Emanuela Guerriero An enhanced lower bound for the Time-Dependent Traveling Salesman Problem	Benito van der Zander, Johannes Textor, Maciej Liśkiewicz Graphical Methods for Finding Instrumental Variables
10:00 – 10:30	Thomas Lachmann, Stefan Lendl Efficient Algorithms for the Recoverable (Robust) Selection Problem	Saeid Kazemzadeh Azad Combinatorial optimization in structural engineering: recent trends and future needs

10:30 – 11:00 Coffee

	C3, chair: Alexander Skopalik	
11:00 – 11:30	Luisa Frickes, Simone Dantas, Atílio G. Luiz The Graceful Game	
11:30 – 12:00	Damián-Emilio Gibaja-Romero, Vanessa Cruz-Molina A colorful generalization for the Poison Game	
12:00 – 12:30	Matthias Feldotto, Pascal Lenzner, Louise Molitor, Alexander Skopalik From Hotelling to Load Balancing: Approximation and the Principle of Minimum Differentiation	

12:30 – 12:40	Closing (C3)
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12:40 – Lunch