

Monday, March 13th

18:00 – 20:00	Welcome Reception Hotel Lindner: 1st Floor
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Tuesday, March 14th

08:00 – 08:30	Registration	
08:30 – 09:00	Welcome	
09:00 – 10:00	Audimax – Chair: Ekkehard Köhler	
	Algorithms Using Predictions: Online Routing and Network Design Nicole Megow	
10:00 – 10:30	Coffee Break	
Session 1	Hörsaal A	Hörsaal B
	Optimization in Abstract Spaces Chair: Sabine Pickenhain	Combinatorial Optimization Chair: Ekkehard Köhler
10:30 – 11:00	Nonlinear Cone Separation Theorems in Real Reflexive Banach Spaces Christian Günther	Graph Based Time Series Analysis for Gait Segmentation Christoph Helmberg
11:00 – 11:30	On the Fuzzy Sum Rule for the Regular Subdifferential Patrick Mehltz	The Traveling Salesman Problem with Memory Anja Fischer
11:30 – 12:00	A Trust-Region Algorithm for Parameter Identification in Multigroup Pandemic Models Markus Friedemann	New Lower Bounds for the Double Row Facility Layout Problem Frank Fischer
12:00 – 12:30	Proximal Methods for Point Source Localisation Tuomo Valkonen	A Two-Dimensional Cutting Stock Problem with Multiple Stocks and Divisible Items Kasitnant Sangngern
12:30 – 13:30	Lunch	
Session 2	Hörsaal A	Hörsaal B
	Nonsmooth Optimization and Control (I) Chair: Constantin Christof	Mixed-Integer Programming Chair: Armin Fügenschuh
13:30 – 14:00	Support Stability for Total (Gradient) Variation Regularization Vincent Duval	Multi-Objective Duty Scheduling using Mixed-Integer Programming in Hospitals Saran Karthikeyan
14:00 – 14:30	Learning Polynomial Optimal Feedback Laws for Control Problems Donato Vásquez Varas	A Solver for Multi-Objective Mixed-Integer Optimization Problems using Hybrid Patch Decomposition Leo Warnow
14:30 – 15:00	An Exponentially Converging Particle Method for the Mixed Nash Equilibrium of Continuous Games Guillaume Wang	Partial Packing Coloring and Quasi Packing Coloring of a Triangular Grid Hubert Grochowski
15:00 – 15:30	Asymptotic Linear Convergence of Fully-Corrective Generalized Conditional Gradient Methods Kristian Bredies	Minimization of Length of System of Linear XOR Equations Konstanty Junosza-Szaniawski
15:30 – 16:00	Coffee Break	
Session 3	Hörsaal A	Hörsaal B
	Algorithmic Nonlinear Optimization Chair: Tuomo Valkonen	Linear Optimization Chair: Gennadiy Averkov
16:00 – 16:30	Extended Convergence Analysis of the Scholtes-type Regularization for Cardinality-Constrained Optimization Problems Sebastian Lämmel	A Multi-Pivot Simplex Method for Solving a Linear Programming Problem Panthira Jamrunroj
16:30 – 17:00	Iteration Complexity of Fixed-Step Methods by Nesterov and Polyak for Convex Quadratic Functions Melinda Hagedorn	Tropical Medians by Transportation Andrei Comănesci
17:00 – 17:15	Break	
17:15 – 18:15	Audimax – Chair: Ekkehard Köhler	
	Algorithms Using Predictions: Online Routing and Network Design Nicole Megow	

Wednesday, March 15th

08:00 – 09:00	Audimax – Chair: Armin Fügenschuh	
	A Model&Run Approach for Multistage Robust Optimization Ulf Lorenz	
09:00 – 09:15	Coffee Break	
Session 1	Hörsaal A	Hörsaal B
	Bilevel Optimization Chair: Gerd Wachsmuth	Technical Operations Research (I) Chair: Konstanty Junosza-Szaniawski
09:15 – 09:45	Tackling a Class of Integer Bilevel Nonlinear Programs with SOCP-Based Disjunctive Cuts Elisabeth Gaar	Truck and Drone Collaborative Delivery Yineng Sun
09:45 – 10:15	The Robust Bilevel Selection Problem Dorothee Henke	The Graph 2-List-Colouring Problem: Formulations, Solution Algorithm and a Computational Study Jonasz Staszek
10:15 – 10:45	Bounding Techniques for the Minimal Value of Optimistic Semivectorial Bilevel Problems Daniel Hoff	Chances and Challenges in the Design of Transformable Bending Tools for Flexible Manufacturing Jonas Reuter
10:45 – 11:15	Coffee Break	
11:15 – 12:15	Audimax – Chair: Gerd Wachsmuth	
	Optimal Control of Quasilinear Parabolic PDEs Ira Neitzel	
12:15 – 13:15	Lunch	
Session 2	Hörsaal A	Hörsaal B
	Nonsmooth Optimization and Control (II) Chair: Daniel Walter	Technical Operations Research (II) Chair: Anja Fischer
13:15 – 13:45	Strong Stationarity Conditions for an Optimal Control Problem Involving a Rate-Independent Variational Inequality Martin Brokate	Trajectory Optimization for Arbitrary Layered Geometries in Wire-Arc Additive Manufacturing Johannes Schmidt
13:45 – 14:15	Quadratic Regularization of Bilevel Optimal Transport Problems Christian Meyer	Design and Optimization of Truss-like Structures Julian Mrochen
14:15 – 14:45	DC Reformulation of Cardinality Constrained Problems in Function Spaces Bastian Dittrich	When does Strategy matter in a Crane Scheduling Problem? Florian Breda
14:45 – 15:15	Variational Discretization of Optimal Control Problems with Measures Evelyn Herberg	Using Mathematical Optimization for the Comparison of different Control Strategies for Ventilation Systems Julius H.P. Breuer
16:15 – 17:30	Excursion	
18:00 – 22:00	Conference Dinner	

Thursday, March 16th

08:00 – 09:00	Audimax – Chair: Anja Fischer	
	Multiobjective Replacements for Set Optimization and Robust Multiobjective Optimization Gabriele Eichfelder	
09:00 – 09:15	Coffee Break	
Session 1	Hörsaal A	Hörsaal B
	Algorithmic Nonsmooth Optimization Chair: Christian Kanzow	Modeling Operations Research Chair: Christoph Helmberg
09:15 – 09:45	A Cutting Quadratic Method for Min-Max Problem Mina Saeed	A Heuristic Based Solution to the Multi Skilled Resource Constrained Multi Project and Multi Type Scheduling Problem (MS-RCM(P&T)SP) Yasemin Arici
09:45 – 10:15	Adaptive Difference-Of-Bundles with Extrapolation Algorithm for DC Programming with Polyhedral Constraints Guillaume Van Dessel	Facility Location Problems in Reverse Logistics of Polyurethane Waste: A Use Case of Stochastic Mixed-Integer Linear Optimization Ruurd J.W. Buijs
10:15 – 10:45	Interior Proximal Gradient Methods for Nonconvex Optimization Alberto De Marchi	Hardness Results for Integrated Last-Mile Deliveries Moritz Stinzenhöfer
10:45 – 11:15	Coffee Break	
Session 2	Hörsaal A	Hörsaal B
	Stability and Related Topics in Optimization Chair: Patrick Mehlitz	Nonsmooth Optimization and Control (III) Chair: Christian Meyer
11:15 – 11:45	Lipschitz and Hölder Estimates for Minimizers under Data Perturbations Diethard Klatte	Optimal Control of Anisotropic Allen-Cahn Equations Luise Blank
11:45 – 12:15	On the Isolated Calmness Property of Implicitly Defined Multifunctions Jiří V. Outrata	A Proximal Newton Solver for Rate-Independent Formulations of Finite-Strain Plasticity Oliver Sander
12:15 – 12:45	Risk Aversion in Dynamic Optimization Alois Pichler	Semismoothness of the Solution Operator of the Obstacle Problem with Applications in Optimal Control Gerd Wachsmuth
12:45 – 13:45	Lunch	
13:45 – 14:45	Audimax – Chair: Ekkehard Köhler	
	Explainable Clustering and Noisy Labels Ola Svensson	
14:45 – 15:00	End	