

Scientific Program

September 10, 2026 Thursday:

09:00 – 09:30: Registration

09:30 – 09:45: Welcome

09:45 – 10:45: Keynote 1 (Chair: Serpil Sayın)

09:45 – 10:45: Andreas Löhne (Friedrich Schiller University Jena)

Set Linear Programming: Theory, Algorithms, and Applications

10:45 – 11:15: Coffee Break

11:15 – 12:45: Scientific Program – Session 1 (Chair: Stefan Ruzika)

11:15 – 11:45: Firdevs Ulus (Bilkent University)

On the Convergence of Outer Approximation Algorithms for Convergence Vector Optimization Problems

11:45 – 12:15: Mariagrazia Cairo (Sapienza University of Rome)

Parallelization Strategies for Bi-Objective Combinatorial Optimization Problems

12:15 – 12:45: Gabriele Eichfelder (Ilmenau University of Technology)

Supportedness in Quadratic Multiobjective Optimization

12:45 – 14:00: Lunch

14:00 – 15:30: Scientific Program – Session 2 (Chair: Lavinia Amorosi)

14:00 – 14:30: Diclehan Tezcaner Öztürk (Hacettepe University)

Multi-Objective Route Planning of a Coordinated Truck-Drone Pair for Post-Disaster Reconnaissance

14:30 – 15:00: Tamara Ertl (Johannes Kepler University)

Multi-objective Vehicle Routing Considering Physical and Mental Driver Fatigue

15:00 – 15:30: Michael Stiglmayr (University of Wuppertal)

Ordinal Shortest Paths to Compute Safe and Short Routes to School

15:30 – 16:00: Coffee Break and Group Photo

16:00 – 17:00: Scientific Program – Session 3 (Chair: Gökhan Kof)

16:00 – 16:30: Xavier Gandibleux (Nantes University)

The Paving as a Representation of Nondominated Points for the Bi-objective Uncapacitated Facility Location Problem

16:30 – 17:00: Renee Lamsfuß (University of Wuppertal)

Consistent Path Selection for Bi-objective Location Problems on Graphs

17:00: Transfer / Outing / Dinner

September 11, 2026 Friday:

09:30 – 10:30: Keynote 2 (Chair: Özlem Karsu)

09:30 – 10:30: Gülşah Karakaya (Middle East Technical University)

Distance-based Value Functions in Multi-objective Optimization

10:30 – 11:00: Coffee Break

11:00 – 12:30: Scientific Program – Session 4 (Chair: Tamey Cansın Ekşi)

11:00 – 11:30: Cem Tekin (Bilkent University)

Black-box Vector Optimization

11:30 – 12:00: Stephanie Riedmüller (Zuse Institute Berlin)

Minimizing Objective Coefficients in Multi-Objective Binary Programming

12:00 – 12:30: Joris Wenzel (RPTU in Kaiserslautern)

Topology of Pareto Sets in Thermodynamic Modeling

12:30: Lunch