



Seminar on Integrated Optimization

Uslar

30.9.-2.10. 2018

Sunday

17:00 – 17:15	Anita Schöbel: Welcome
17:15 – 18:00	Markus Friedrich: Lessons learnt from comparing manmade and algorithmic network solutions

Monday

09:00 - 09:30	Christos Zaroliagis: Dynamic multimodal route planning
09:30 - 10:00	Tobias Zündorf: Unlimited walking and efficient RAPTOR queries - Challenges and approaches
10:00 - 10:30	<i>Coffee & Tea</i>
10:30 - 11:30	Ralf Borndörfer and Petra Strauß: Kombiverkehr 2021 - Optimizing the Line System of Karlsruhe
11:30 - 12:00	Otto Anker Nielsen Integrated Public Transport Optimisation and Planning
12:00 - 14:30	<i>Lunch</i>
14:30 - 15:00	Dennis Huisman: Innovative rolling stock scheduling: optimizing seat probability
15:00 - 15:30	Dirk Weißer: New Requirements coming with electro mobility for optimization in Public Transport
15:30 - 16:00	<i>Coffee & Tea</i>
16:00 - 16:30	Christian Puchert: Decomposition approaches for integrated optimization in public transport
16:30 - 17:00	Philine Schiewe and Alexander Schiewe: Heuristic approaches for integrated optimization in public transport
17:00 - 17:30	Discussion Optimizing public transport supply – how can we provide what planners expect?



Seminar on Integrated Optimization

Uslar

30.9.-2.10. 2018

Tuesday

09:00 - 09:30	Francesco Corman: Strategic interactions during public transport disruptions
09:30 - 10:00	Michael Bundschuh and Klaus Nökel: The weakest link of a chain determines its strength: Valuing the passenger risk of missed transfers
10:00 - 10:30	Mareike Massow: Automatic personnel dispatch: a simulated annealing approach and its benefits in practice
10:30 - 11:00	<i>Coffee & Tea</i>
11:00 - 11:30	Peter Vortisch: Simulating urban public transport including delays
11:30 - 12:15	Matthias Müller-Hannemann and Christoph Blendinger: Passenger-oriented delay management with PANDA and a framework for robustness evaluation of public transport plans
12:30 - 14:00	<i>Lunch, Coffee & Tea</i>