

# Transition Seminar FOR 2083

Fraunhofer ITWM, Fraunhofer-Platz 1, Kaiserslautern

28.-29.3.2019

Room information: ITWM, Room Hertz I0.01

Hotel: Stadthotel Kaiserslautern, Friedrichstraße 39, Kaiserslautern

Dinner on Thursday: Spinnrödl, Schillerstraße 1, Kaiserslautern

## Programm:

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### Thursday

15:00 - 15:15	Welcome	Anita Schöbel
15:15 - 16:00	Vehicle Scheduling Based on a Line Plan	Paul Boumann
16:00 - 16:30	Efficient Computation of Transfer Shortcuts	Jonas Sauer
16:30 - 16:45	Methods to Estimate Ridesharing Effects in Macroscopic Travel Demand Models	Alexander Migl
16:45 - 17:05	Coffee Break	
17:05 - 17:25	Robustness	TP M, TP S
17:25 - 17:45	Passenger Preferences	TP M, TP V
19:00	Dinner	

### Friday

08:30 - 09:00	Routing	TP F, TP V, TP W
09:00 - 09:30	The Path and Cycle Formulation for Job Shop Scheduling in Traffic Management	Carlo Mannino
09:30 - 10:00	Strategic Timetabling: Including passenger waiting times at the origin	Marie Schmidt
10:00 - 10:20	Coffee Break	
10:20 - 10:50	Mathematics in Vehicle Industry: Environment data for autonomous driving	Klaus Dreßler
10:50 - 11:20	Integrated Public Transport Planning	Alexander & Philine Schiewe
11:20 - 11:30	Break	
11:30 - 12:10	Vehicle Capacities	TP F, TP M, TP S, TP W
12:10 - 12:40	Periodicity	TP F, TP S, TP V
12:40 - 13:30	Lunch Break	
13:30 - 14:00	Spatial Demand Distribution	TP F, TP S, TP W
14:00 - 14:20	Time-Dependent Demand	TP F, TP S
14:20 - 14:30	Coffee Break	
14:30 - 14:50	Datasets	TP F
14:50 - 15:00	Closing	
15:00 - 16:00	Meeting of the PI's (Room Boltzmann)	cooperative work of the PhD students

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