

Program Final Presentations
MSc Thesis at IVT

Spring Semester 2019

Friday, 28. June 2019
9:00 – 12:00
HIL F36.1

Process: 25' Presentation, 15' Discussion

Time	Student	Title	Group
09.00 - 09.45	Kalrav Shah	Hyperloop: Demand Forecasting & Network Optimization: A Swiss Case	VPL
09.45 - 10.30	Joel Amstutz	Alternative timetable concepts for long-distance trains in Switzerland	TS
10.30 - 11.15	Jessica Weibel	Identification of influential variables for short-term passenger forecasts on train stations	TS
11.15 - 12.00	Dominic Trachsel, Jonas Meyer	Optimiertes Fahren von Zügen: Kosten-Nutzen-Analyse verschiedener Systemansätze	TS

Program Final Presentations
BSc / Project / Seminar Thesis at IVT

Spring Semester 2019

Wednesday, 29. May 2019

15:00 – 18:15

HIL F36.1

Process: 20' Presentation, 10' Discussion

Time	Student	Thesis	Title	Group
15.00 - 15.30	Pascal Hodel	BSc	The role of ATO Systems in main lines Operation	TS
15.30 - 16.00	Jonas Meli	BSc	Occupation levels of buses	TS
16.00 - 16.30	Xiao Sun	Project	On Robustness and Interconnectivity of Railway Networks	TS
16.30 - 17.00	Linghang Sun	Seminar	Algorithmic solution for ATO	TS
17.00 - 17.30	Josia Meier	BSc	Automated intersection: Optimal conflict-free lightless crossing for autonomous vehicles	SVT
17.30 - 18.15	Katja Grässli, Marco Neuenschwander	Project	Analyzing real traffic data from the city of Zurich and assessing the current signal control strategy	SVT

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Spring Semester 2019

Friday, 31. May 2019

8:30 – 12:15

HIL F36.1

Process: 20' Presentation, 10' Discussion

Time	Student	Thesis	Title	Group
08.30 - 09.00	Severina Fischer	Project	Policies for improving urban network capacities with bicycles	VPL
09.00 - 09.30	Oliver Schweizer	Project	Improving Convergence Behavior of a Multi-Agent Transport Simulation	VPL
09.30 - 10.00	Kathrin Ziegler	Project	Economics of public transport season tickets	VPL
10.00 - 10.15	<i>Pause</i>		<i>Pause</i>	
10.15 - 10.45	Bicudo Guggisberg	Seminar	Transport modelling based on Open-Data	VPL
10.45 - 11.15	Lorraine Bersier	Seminar	Household-level mobility patterns	VPL
11.15 - 11.45	Cäsar Grüter	BSc	Mobility as a Service (MaaS): Nutzergruppen und Potentialanalyse	VPL
11.45 - 12.15	Chengqi Lu	MSc	Congestion-aware Operation of Coordinated Mobility-on-Demand System	VPL