MATSim
Multi-Agent Transport Simulation

MATSim User Meeting 2017

September 11, 2017, Technion Campus, Haifa, Israel

Room Rabin 509

Purpose of the Meeting

MATSim (`www.matsim.org`) is an open-source multi-agent mobility simulation framework, mostly developed by TU Berlin and ETH Zurich, and used by a growing number of teams worldwide.

The MATSim **User Meeting** is an annual public event aiming at communication and exchange between teams using MATSim. This year, the meeting is co-located with the hEART conference, and will take place before the official conference starts. Any person registered for the hEART Conference, with or without MATSim experience, is welcome to attend all or part of the presentations.

Note that there will also be **MATSim Sessions** that are part of the official hEART Conference.

Introductory Session

13:30 - 13:45	Welcome *K. Axhausen*
13:45 - 14:15	MATSim: Overview of Recent Developments *K. Nagel*

Session 1: Methodological

14:30 - 15:00	Dynamic Parking Pricing – An Agent-Based Approach *M. Balac, K. Axhausen*
15:00 - 15:30	Simulation-based Optimization of Congestion Costs, Noise Damages and Air Pollution Costs: The Impact of Route and Mode Choice *I. Kaddoura, B. Kickhöfer, A. Agarwal*
15:30 - 16:00	Using MATSim for Prediction: a Case Study in Singapore *P. Fourie, A. Erath, L. Sun, B. Vitins, M. van Eggermond, S. Ordoñez, K. Axhausen*
16:00 - 16:30	Applying MATSim to Estimating Demand for Parking Places at Rest Areas *P. Gora*

Session 2: Practical

17:00 - 17:30	The MATSim Santiago Open Data Model: Development and First Applications *L. Camus, A. Tirachini, B. Kickhöfer*
17:30 - 18:00	The 2015 and 2030 Baseline Scenarios *P. Bösch, S. Hörl, K. Müller, F. Ciari*
18:00 - 18:30	MATSim Scenario Vorarlberg (Austria) *M. Ulm, G. Lenz, C. Rudolff*
18:30 - 18:45	Closing Remarks *K. Axhausen*