

Time	Title	Presenters
8:45-9:00	Welcome and introduction	Kay W. Axhausen
9:00-9:20	Insights into one or two MATSim applications at Swiss Federal Railways: Intermodal freight transport and future scenarios 2050	Ihab Kaddoura
9:20-9:40	Using MATSim in Strategic Rail Supply Planning – Applications of SIMBA MOBi	Joschka Bischoff
9:40-10:00	Using Evolutionary Algorithms for eVTOL Design Optimization based on Multi-agent Simulations	Sebastian Brulin, Mariusz Bujny, Tim Puphal and Stefan Menzel
10:00-10:20	MATSim in a corporate environment: Simulating MOIA on AWS	Felix Zwick, Nico Kuehnel and Giuliana Armellini
10:20-10:40	The impact of social networks on the spread of epidemics using Episim	Joanna Ji, Ana Tsui Moreno, Qin Zhang, Alona Pukhova and Rolf Moeckel
<i>Break</i>		
11:00-11:20	Sharing is Caring: Evaluation of Wheelchair Accessible Ride-Sharing Services in Agent-Based Transport Simulations	Nico Kuehnel and Felix Zwick
11:20-11:40	Evaluation of driving restriction zone policy with travel behaviors of intermodality in the Paris case study	Biao Yin, Azise Oumar Diallo, Tatiana Sergina and Nicolas Coulombel
11:40-12:00	Calibration of carsharing transactions at the station level	Idriss El Megzari and Francesco Ciari
12:00-12:20	Simulation of e-bike and e-scooter trips using MATSim	Eleni Antoniou, Panagiotis G. Tzouras, Lambros Mitropoulos, Christos Karolemeas and Konstantinos Kepaptsoglou
12:20-12:40	Agent-based simulation of future mobility systems in the Paris area	Tarek Chouaki, Sebastian Hörl and Jakob Puchinger
<i>Lunch break</i>		
14:00-14:20	Update	TU Berlin
14:20-14:40	Using ANN to assess the mode choice resulting from MATSim	Ruurd Buijs, Thomas Koch and Luk Knapen

14:40-15:00	Synthetic Sweden Mobility Model (SySMo): Optimal charging infrastructure for 100% EV adoption	Yuan Liao, Çağlar Tozluoğlu, Sonia Yeh and Frances Sprei
15:00-15:20	A Non-Linear, Zonal and Time-dependent Electric Vehicle Charging Pricing Framework for Multi Agent Transportation Simulation (MATSim)	Ashraf-Uz Zaman Patwary, Yonsorena Nong, Arsham Bakhtiari and Francesco Ciari
15:20-15:40	Simulations of different scenarios of the use of autonomous vehicles with a multi-agent model	Mathilde Moliner, Ouassim Manout, Nicolas Saunier and Francesco Ciari

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*Break*

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16:00-16:20	Integrating Iterative Backpropagation (IB) and Metamodeling for High Dimensional Dynamic Traffic Model Optimization	Ashraf Uz Zaman Patwary, Enoch Lee, Francesco Ciari and Hong K. Lo
16:20-16:40	Car fleet synthesis for agent-based mobility models: a comparison of machine learning and discrete choice methods	Marjolaine Lannes, Nicolas Coulombel and Yelva Roustan
16:40-17:00	Implementation of attitudes and well-being in MATSim	Corneel Casier and Frank Witlox
17:00-17:20	Calibration of MATSim in the District of Liège (Belgium) using Mobile Phone-based OD-matrices: Preliminary Results	Suxia Gong
17:20-17:40	Building MATSim visualization dashboards using SimWrapper	William Charlton
17:40-18:00	MATSim Brussels Scenario Generated from Open-source Pipeline and Ubiquitous Big Data	Jingjun Li, Evy Rombaut and Lieselot Vanhaverbeke

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*Spontaneous dinner*

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