

10th STRC Swiss Transport Research Conference: Program of Wednesday, September 1st, 2010

12:10, 12:15, 13:10, 13:15 Bus transfer from Locarno SBB station to Monte Verità

12:30 Registration
Sandwich lunch



Auditorium
14:00 **Welcome by Prof. Rico Maggi**
14:15 **Keynote speech by Prof. Shlomo Bekhor**
Route Choice: Models and Challenges
Chair: Kay W. Axhausen

15:30 Coffee

16:00-18:00 Slot A	Session 1 (Auditorium) Networks Chair: Kay W. Axhausen	Session 2 (Balint) Discrete Choice Models I Chair: Michel Bierlaire	Session 3 (Eranos) Simulation I Chair: Gunnar Flötteröd
	Basil J. Vitins, Kay W. Axhausen (ETHZ, IVT): Patterns and Grammars for Transport Network Generation	Bilge Atasoy, Aurélie Glerum, Ricardo Hurtubia, Michel Bierlaire (EPFL, TRANSP-OR): Demand for public transport services: Integrating qualitative and quantitative methods	Ji Yuxuan, Nikolas Geroliminis (EPFL, LUTS): Spatial and Temporal Analysis of Congestion in Urban Transportation Networks
	Boyaci Burak, Nikolas Geroliminis (EPFL, LUTS): Exploring the effect of variability of urban systems characteristics in the network capacity	Stefano Scagnolari, Rico Maggi (USI, IRE): Modelling heterogeneity in young person's night-time choices – accounting for attitude towards alcohol consumption	Fabian Märki, David Charypar, Kay W. Axhausen (ETHZ, IVT): A first approach to a continuous simulation of daily travel
	Guillaume de Tilière, Olivier de Watteville, J.D. Buri (BG Consulting Engineers / EPFL, LITEP): Tram-train systems, An analysis of frame conditions for implementation	Chen Jingmin, Gunnar Flötteröd, Ricardo Hurtubia, Michel Bierlaire (EPFL, TRANSP-OR): Inferring smart phone users' activities and transport modes	Albert Steiner (ZHAW Zurich University of Applied Sciences, IDP): Visualizing traffic data with Google Earth: Real-time Air Traffic in 3D
	Ilya Ioslovich, Jack Haddad, Per-Olof Gutman, David Mahalel (Israel Institute of Technology / EPFL): Optimal Traffic Control Synthesis for an Isolated Intersection	Matthias Kowald, Kay W. Axhausen (ETHZ, ITPS): The structure and spatial spread of egocentric leisure networks	

18:15 Meeting of the STRC board

20:00 Dinner

10th STRC Swiss Transport Research Conference: Program of Thursday, September 2nd, 2010

07:30 Breakfast

08:30-10:30 Slot B	Session 1 (Auditorium) Management and Policy I Chair: Albert Steiner	Session 2 (Balint) Discrete Choice Models II Chair: Kay W. Axhausen	Session 3 (Eranos) Management and Policy II Chair: Yun-Pang Wang
	Sónia Lavadinho, Susana Limão (EPFL, TRANSP-OR): Daily mobility practices of potential users of innovative urban transport mode: 3 target sectors in the city of Strasbourg	Tatjana Ibraimovic, Lorenzo Masiero, Stefano Scagnolari (USI, IRE): Ethnic segregation and residential location choice of foreigners	B.R. Bodenmann (ETHZ, IVT): Firm location decisions in the region of St. Gallen
	Christof Zöllig (ETHZ, IVT): Real estate developers in Zurich: A description of the market	Ming Lu (ETHZ, IVT): Processing Travellers' Mode Choice Data with Fuzzy Control Theory	Ilaria Vacca, Matteo Salani, Michel Bierlaire (EPFL, TRANSP-OR): Optimization of operations in container terminals: hierarchical vs integrated approaches
	Christian Laesser, Stephan Reinhold (SBB Lab, Institute for Public Services and Tourism, University of St. Gallen): The relative value of public transport accessibility in the wake of residential location choice	Michel Bierlaire, Gunnar Flötteröd (EPFL, TRANSP-OR): Metropolis-Hastings sampling of alternatives for route choice models	David Tron, Jean-Daniel Buri, Panos Tzieropoulos (EPFL, LITEP): From the reticular diagram to the 24-hours timetable
	Daniel Emery (EPFL, LITEP): Increasing the capacity of a single-track line	Nadine Schüssler, Kay W. Axhausen (ETHZ, IVT): Development of psychometric scales to evaluate the attitude towards risk, environmentalism and variety seeking of public transport users	Marine Vidaud, Guillaume de Tilière (EPFL, LITEP/ BG Consulting Engineers): Railway access charge systems in Europe

10:30 Coffee

11:00-12:30 Slot C	Session 1 (Auditorium) Management and Policy III Chair: Rico Maggi	Session 2 (Balint) Simulation II Chair: Lorenzo Masiero
	Dietlind Jacobs (ETHZ, IVT): Application of asphalt interlayers for road maintenance management	Francesco Ciari (ETHZ, IVT): Estimation of Car-Sharing Demand Using an Activity-Based Microsimulation Approach: Model Discussion and Preliminary Results
	Willem-Jan Zwanenburg, Marine Vidaud (Independent Transport Consultant / EPFL, LITEP): Efficiency of rail infrastructure management	Mamy Fetiariison, Gunnar Flötteröd, Michel Bierlaire (EPFL, TRANSP-OR): Evaluation of Pedestrian Data Collection Methods within a Simulation Framework
	Frank Schiffmann (ETHZ, IVT): New highway work zone management using optimization technique	David Charypar, Andreas Horni, Kay W. Axhausen (ETHZ, IVT): A Parallel Framework for Large Spatial Microsimulations

12:00 Lunch

10th STRC Swiss Transport Research Conference: Program of Thursday, September 2nd, 2010

14:30-16:30

Special Event (Balint)

Round Table - The last 10 and the next 10 years: problems, policy, methods, results

Prof. Carlos Daganzo, Prof. Shlomo Bekhor, Prof. Rico Maggi, Prof. Kay W. Axhausen, Prof. Michel Bierlaire, Prof. Christian Laesser, Dr. Stefan Schönfelder, Dr. Robert Schlich, Dr. Michaël Thémans, Phds, Post-Docs.

18:00

Apéritif sponsored by Canton Ticino

19:30

Bus and boat transfer from Monte Verità to Restaurant

20:00

Special event Dinner - Ristorante Isole di Brissago

10th STRC Swiss Transport Research Conference: Program of Friday September 3th, 2010

07:30 Breakfast

08:30-10:30 Slot D	Session 1 (Auditorium) Discrete Choice Models III Chair: Michel Bierlaire	Session 2 (Balint) Simulation III Chair: Daniel Emery	Session 3 (Eranos) Management and Policy IV Chair: Christian Laesser
	Andreas Horni, David Charypar, Kay W. Axhausen (ETHZ, IVT): Empirically Approaching Destination Choice Set Formation	Christoph Dobler (ETHZ, IVT): Implementation of a Time Step Based Parallel Queue Simulation in MATSim	Sonia Lavadinho (EPFL, TRANSP-OR): Evaluating the potential for intercity travel combining public transport and active modes: the Velopass bike sharing system
	Mateus Araújo e Silva, Kay W. Axhausen (ETHZ, IVT / USP, STT): Results of Discrete Choice Model for a Brazilian City	Ricardo Hurtubia, Gunnar Flötteröd, Michel Bierlaire, Francisco Martínez (EPFL, TRANSP-OR / Universidad de Chile): Comparative analysis of hedonic rents and maximum bids in a land-use simulation context	Gerko Santel (ETHZ, IVT): Lateral driving behaviour
	Lorenzo Masiero, John M. Rose (USI, IRE / ITLS Sydney): The role of the reference alternative in the specification of asymmetric discrete choice models	Kirill Müller, Kay W. Axhausen (ETHZ, IVT): Population synthesis for microsimulation: State of the art	Michel Bierlaire, V. Prem Kumar, Olivier Gallay (EPFL, TRANSP-OR): Generalized Algorithms for Crew Planning: Survey and Future Directions for Railways
	Theodore Tsekeris, Klimis Vogiatzoglou (Centre of Planning and Economic Research (KEPE), Athens/ visiting EPFL): Multi-Regional Agent-Based Economic Model of Household and Firm Location and Transport Decisions	Patrick Schirmer (ETHZ, IVT): Options and constraints of a parcel based approach in 'UrbanSimE'	Rashid A. Waraich (ETHZ, IVT): An Agent-Based Parking Choice Model

10:30 Coffee

11:00	Auditorium Keynote speech by Prof. Carlos Daganzo Insights from Macroscopic Models of Urban Transportation Systems Chair: Michel Bierlaire
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12:15 **Conclusion, farewell note, conference closing by Michel Bierlaire**

12.45, 13.00 Bus transfer from Monte Verità to Locarno SBB