

7th STRC Swiss Transport Research Conference: Program of Wednesday, 12 September 2007

12:15 12:45 13:15	Bus transfer from Locarno SBB station to Monte Verità		
12:30	Registration		
	Auditorium		
14:00	Welcome by Dr. Zachary Patterson		
14:05	Dr. Christophe Von Arb, Consul General of the Swiss Consulate in Boston, MA		
14:10	Keynote Speech (via Videoconference) by Prof. Joan Walker Department of Geography and Environment, Boston University <i>Title: Measuring Unobservables in Transport Models</i> Chair: Prof. Michel Bierlaire		
15:30	Coffee		
16:00-18:00	Session 1 (Balint) Transportation and the Environment Chair: Patterson <i>De Haan, Peters and Mueller (ETHZ): Reducing CO2 emissions from passenger cars by promoting energy-efficiency</i> <i>Mueller and de Haan (ETHZ): Technology diffusion of alternative vehicle technologies: What can be learnt from a simple agent-based model?</i> <i>Tanner and Leuenberger (UNI-BE): The Dynamics of Energy Demand of the Private Transportation Sector</i>	Session 2 (Auditorium)* Directions in Swiss Transport Research Chair: Bierlaire <i>Flamm, Jemelin and Kaufman (EPFL): Combining person based GPS tracking and prompted recall interviews for a comprehensive understanding of travel behaviour adaptation processes during life course transitions</i> <i>Ciari, Balmer and Axhausen (ETHZ): Mobility Tool Ownership and Mode Choice Decision Processes in Multi-Agent Transportation Simulation</i> <i>Frejinger and Bierlaire (EPFL): Random Sampling of Alternatives for Route Choice Modeling</i> <i>Bert, Chung and Dumont (EPFL): Dynamic Origin-Destination Matrices Estimation Method for urban networks</i>	Session 3 (Eranos) Economic Aspects of Transportation Chair: Kato <i>Bodenmann (ETHZ): Company decisions on choice of location: Case study: St. Gallen region</i> <i>van Eggermond, Schussler and Axhausen (ETHZ): Consumer choice behavior and strategies of air transportation providers</i> <i>Kato, Imai and Axhausen (UNI-Tokyo and ETHZ): Value of Travel Time Savings of Urban Private Travel: Comparison of Tokyo and Karlsruhe</i>
		*Broadcast by videoconference to Boston, MA	
20:00	Dinner		

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7:30	Breakfast		
08:30-10:30	Session 1 (Balint) Statistical Modeling in Transportation - 1 Chair: Axhausen	Session 2 (Auditorium) Network Transportation Modeling - 1 Chair: Chung	Session 3 (Eranos) TransportNET Chair: Tzieropoulos
	<i>Bierlaire, Thémans and Zuffrey (EPFL - Laval): Nonlinear global optimization relevant to discrete choice models estimation</i>	<i>Chudak, Dos Santos Eleuterio and Nesterov (D-Wave Systems - ETHZ - UCL): Static Traffic Assignment Problem: A Comparison between Beckmann (1956) and Nesterov & de Palma (1998) models</i>	<i>Monica Grosso, Peter L'Os, Zahid Sultan, Selmi Hend, David Carillo</i>
10:30	Coffee		
	Keynote speech by Prof. Eddy Van der Voorde (Auditorium) Department of Transport and Regional Economics, University of Antwerp <i>Title: Which Way to the Sea: Landlocked Countries, Sea Transport and Port Competition</i> Chair: Prof. Rico Maggi		
11:00			
12:30	Lunch		
14:00-15:30	Session 1 (Balint) Statistical Modeling in Transportation - 2 Chair: Dumont	Session 2 (Auditorium) Network Transportation Modelling - 2 Chair: Hackney	Session 3 (Eranos) Surveys of Transport Choices Chair: Maggi
	<i>Loechl (ETHZ): Considering spatial dependence in hedonic rent price regression</i>	<i>Steiner and Sick (ZHAW): New Methods for Travel Time Estimation on Freeway Sections</i>	<i>Laesser and Wittmer (UNI-SG): Customer issues related to limitations in air connectivity</i>
15:30	<i>Spassov, Bierlaire and Merminod (EPFL): Map-based Autonomous Personal Localisation Indoors</i>	<i>Bhaskar, Chung, De Mouzon and Dumont (EPFL): Travel Time Estimation on a Signalised Urban Networks using Cumulative Plots</i>	<i>Weis (ETHZ): An online travel diary survey among members of ETH Zurich</i>
	<i>Littlejohn and Joly (EPFL - LETS): The Daily Duration of Transportation: An Econometric and Sociological Approach</i>	<i>EGgenberg, Salani and Bierlaire (EPFL): Measuring Recovery of Disrupted Airline Schedules</i>	<i>Peters and de Haan (ETHZ): Psychological determinants of car purchase behavior</i>
15:30	Coffee		

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	Session 1 (Balint) Urban and Transportation Planning Chair: Flamm	Session 2 (Auditorium) Agent-based Modelling Chair: Laesser	Session 3 (Eranos) Maintenance and Safety Chair: de Haan
16:00-18:00	<p>Patterson and Bierlaire (EPFL): <i>An UrbanSim Model of Brussels within a Short Timeline</i></p> <p>Zemp, Stauffacher, Land and Scholz (ETHZ): <i>Systemic perspectives on railway stations for sustainable transport and land use</i></p> <p>Maksim, Gallez and Kaufman (EPFL - INRETS): <i>Evolution of transport and urban planning policy in Switzerland and France: Case studies of Geneva and Strasbourg</i></p> <p>Witter (TransportNet): <i>The role of public urban transport in the context of social inclusion</i></p>	<p>Charypar, Axhausen and Nagel (ETHZ - Berlin Tech.): <i>Flow Characteristics of a Queue-Based Traffic Flow Microsimulation</i></p> <p>Lefebvre and Balmer (ETHZ): <i>Fast shortest path computation in time-dependent traffic networks</i></p> <p>Meister, Charypar, Lefebvre et al. (ETHZ): <i>An agent-based model of travel demand of all of Switzerland</i></p> <p>Hackney (ETHZ): <i>Social networks in transportation microsimulations</i></p>	<p>Schiffman (ETHZ): <i>Performance-based specification for the operational and structural road maintenance of communal road networks</i></p> <p>Weber (ETHZ): <i>COST 352: Influence of Modern In-vehicle Information Systems on Road Safety Requirements</i></p> <p>Zwanenburg (EPFL): <i>The Swiss experience on the wear of railway switches and crossings Short abstract: Using databases of the Swiss Federal Railways</i></p> <p>Pham, Chung and Dumont (EPFL): <i>Applicability of road safety indicators to assess driving risks in Swiss road conditions</i></p>
19:00	Apéritif sponsored by Canton Ticino		
20:00	Conference Dinner		

7th STRC Swiss Transport Research Conference: Program of Friday, 14 September 2007

7:30	Breakfast		
08:30-10:30	Session 1 (Balint) Public Transportation Chair: Loechl	Session 2 (Auditorium) Freight Transport and Logistics Chair: Rudel	Session 3 (Eranos) Network Performance Analysis Chair: Putallaz
	<i>Dorbritz and Anderhub (ETHZ): How many passengers can public transport systems handle and how much do they handle- A new approach to capacity</i> <i>Alt (ETHZ): Investigation of space-time structures in public transport networks and their optimisation</i> <i>Mahadevan (ETHZ): Describing and Evaluating Train Services on the Swiss Railway Network from a New Perspective</i> <i>Leyvraz, Bierlaire and Paulus (EPFL - RGR): Tools to evaluate future actions on the traffic in Lausanne</i>	<i>Vacca, Bierlaire and Salani (EPFL): Optimization at container terminal: Status, trends and perspectives</i> <i>Fries (ETHZ): Labelling - A Path Towards Energy Efficiency in Freight Transport?</i> <i>Markianidou (TransportNET): Deindustrialisation and its consequences on Seaborne Trade</i>	<i>Johner and Luethi (Emch+Berger - ETHZ): The Train Departure Process and its Impact on the Rail Network Performance</i> <i>Putallaz (EPFL - Oxand): Strategic Track Maintenance and Renewal Policy Making, Related to Socio-economic Aspects of the Availability</i> <i>Erath (ETHZ): Graph-theoretical analysis of the Swiss railway and road networks over time</i> <i>Curchod (EPFL): Analysis of timetable stability and delays resulting of track maintenance works by means of simulation</i>
10:30	Coffee		
11:00	Keynote Speech by Prof. Staffan Algers (Auditorium) Department of Transport Economics, Royal Institute of Technology, Sweden Title: The Stockholm congestion charging trial Chair: Prof. Kay Axhausen		
12:15	Conclusion, farewell note, conference closing (Prof. Michel Bierlaire)		
13:00 13:30 14:00	Bus transfer from Monte Verità to Locarno SBB		