Welcome

Won LI, Oskar-von-Miller-Forum

Sustainable Mobility in Metropolitan Regions
Geoff Whittington, Chair of Urban Structure and Transport Planning, Technische Universität München

Keynote

Yoshifumi Hayashi, Nagoya University, Japan
President of World Conference on Transport Research Society

Discussion

10:15 – 10:40 Coffee break

10:45 – 11:15 Assessing environmental impacts at different scales

Chair/Keynote: Mikhail Chester, Arizona State University, USA

Need for a holistic assessment of urban mobility measures – Review of existing methods and design of a simplified approach
Hanna Högling, Kain Glanscer, Ola Luh, Wuppertal Institute for Climate, Environment, and Energy, Germany

Transport effects and environmental consequences of central workplace location
Aud Tenne, Kierst Vloen Oksnho, Jürgen Aarhuag, Institute of Transport Economics, Norway

NODE: methodology for energy balance for a transportation hub and its neighbourhood
Annie-Sophie Fulda, Elisa Nimal, EIFER, Germany

Analyzing the energy consumption of the BMW ActiveE field trial vehicles with application to distance to empty algorithms
Rolf Schröder, Stephan Zoepf, MIT, USA, Johann Preining, BMW Group, Germany

Tuesday, May 20, 2014

8:30 - 9:00 Check-in and coffee

9:00–9:45 Integrated land use and transport strategies

Chair/Keynote: Luca Bertolini, University of Amsterdam, Netherlands

Characterizing TOOD in a French context: an investigation on two cases in Lille metropolitan area (LMCU)
Alain J. Hoste, Université Paris-Est; L. Liu, Université Lille 1, France

Sustainable mobility and living in alpine metropolitan regions
Stefan Tischler, Markus Maier, University of Innsbruck, Austria

A TOOD scenario for the Nord-Pas-de-Calais region, teaching of an integrated transportation-land use modeling.
Fausto Lo Feudos, Laboratoire Ville Mobilité Transport, France

Effects of regional self-selection on travel mode choice and implications for land use and transport planning strategies
João Dinis, Im – Integrierte Verkehrs- und Mobilitätsmanagement Region Frankfurt RheinMain, Germany

10:45 – 11:15 Parallel sessions Organizing new forms of mobility

Chair/Keynote: Regina Gerike, University of Natural Resources and Life Sciences, Austria

The impact of e-commerce on final deliveries: alternative parcel delivery services in France and Germany
Eléna Soignet, Céline Bruneau, Laetitia Dabrielle, IFSTTAR, France; Saskia Seidel, Barbara Lenz, DLR, Germany

Agent-based simulation of electric taxicabs Joscha Bischoff, Michal Maciejewski, Kai Nagel, TU Berlin, Germany

Developing and evaluating intermodal E-Sharing offers – a multi-method Approach
Jörn-Ole Schröder, Christine Walit, Martin Kagerbauer, Nicolas Fei1, Karlsruhe Institute of Technology; Christian Reutter, Rimbart Schumann, Stefan Wrede, PTV Group, Germany

A framework for dynamic O/D-matrices for multimodal transportation: an agent-based approach
Nuno Monteiro, Rosalidte Rossetti, Pedro Camapo, Zafiris Iliadis, Instituto Superior Tecnico, Porto, Portugal

11:15 - 12:00 Poster Session Towards sustainable commuting

Chair/Keynote: Yves Crozet, Laboratory of Transport Economics, France

The two faces of energy poverty: A case study of households’ energy burden in the residential and mobility sectors at the city level.
Ines Mayer, Elise Nimal, Patricia Nogues, Marie Sevenet, EIFER, Germany

Carbon dioxide emissions in daily long-distance travel in the Netherlands
Alexander Reichert, Christian Hotz-Rau, TU Dortmund, Germany

Integration of a land use transport model into a planning game for developing strategies against rising energy prices
Cardon Gertz, Thiago Guimarães, Jacqueline Maal, Hamburg University of Technology, Germany

Raising awareness on mobility costs for households: a lever for changing residential choices and improving local governance?
Experimentation in the French Alpine municipal area
Marion Allard, Rhône-Alpes Region; Grégoire Fayet, Marie-Cristine Foumy, Magali Talandier, Grande Rhône-Alpes University, France

13:00 – 14:00 Lunch break

14:00 – 15:45 Attending group specific needs of mobility

Chair/Keynote: Pan Haixiao, Tongji University, China

Public transport and accessibility in informal settlements: aerial cable cars in Medellin, Colombia
Dirk Heinrichs, German Aerospace Centre, Germany; Judith Bernert, Kontaktpunkt AG, Switzerland

The power of perceptions: exploring the role of urban design in cycling behaviours and healthy ageing
Philip A. Black, Emma J. Street, University of Reading, UK

Gauging scope for sustainable travel: a comparative analysis of travel attitudes in Berlin and London
Jens Karol, Philipp Rodé, Duncan Smith, London School of Economics and Political Science, UK; Christian Rammensperger, Andreas Graff, Innovation Centre for Mobility and Societal Change, Germany

The potential of cycling for sustainable mobility in metropolitan regions: The facts behind the success story of Innsbruck
Ferdinand Pospišil, Markus Maier, University of Innsbruck, Austria

15:45 – 16:00 Coffee break

16:00 – 17:45 From concepts to implementation

Chair/Keynote: Tom Rye, Lund University, Sweden

Privatizing local emission exposure of road traffic: An agent-based approach
Benjamin Kichhoff, Julia Kern, TU Berlin, Germany

A generic code of urban mobility: how cities can achieve sustainable development
Roland Prößelt, Aggelos Miramontes, Gebhard Wulffhorst, TUM, Germany

A roadmap towards sustainable mobility in the city of Breda
Ron Bos, Goudappel Coffeng, Rob Timme, Municipality of Breda, The Netherlands

Communicating electric mobility futures: towards a school of mobility, Combining futures research and strategic implementation processes
Ingo Kollochsche, TU Berlin, Germany

17:45 – 18:00 Conclusions

18:00 – 19:00 Guided walk to city center (optional)

19:30 Dinner and networking at Hofburghaus

Closing Ceremony

Awards Ceremony

Farewell