

## Monday, 6th June 2016

08:30 – 09:00 Check-in and Coffee

09:00 – 09:45 Welcome Messages and Keynotes

### Welcome and introduction:

Werner Lang, OVMF/TUM, Gebhard Wulffhorst, TUM, Germany

**Keynote: From Mobility to Accessibility in Transport and Land-Use Planning**  
Jonathan Levine, University of Michigan, USA

09:45 – 10:00 Coffee Break

10:00 – 11:45 Session 1: Investigating Influences on Mobility Behavior

**Chair/Keynote:** Haixiao Pan, Tongji University, China

**Experiences with capacity reductions on urban main roads – rethinking the need for urban road capacity?**  
Aud Tennøy, Institute of Transport Economics, Norway

**Mobility between Form and Flux, Space and Time – Towards a comprehensive approach**  
Hans-Peter Meier-Dallach, CulturProspectiv Zürich, Switzerland;  
Gunter Heinickel, ScienceScapes Berlin, Germany

**“We don’t need a car right now” Studying transport preferences and attitudes among young adults in Budapest, Copenhagen and Karlsruhe**  
Maïke Puhe, Jens Schippel, Karlsruhe Institute of Technology, Germany

**From weak signals to mobility scenarios: A prospective study of France in 2050**  
Vincent Kaufmann, Emmanuel Ravalet, EPFL, Switzerland

11:45 - 12:00 TUM's Perspectives on Transforming Urban Mobility

Wolfgang A. Herrmann, TUM President

12:00 - 13:00 Poster Session

**Chair/Keynote:** Gebhard Wulffhorst, TUM, Germany

**Gamification and social dynamics behind corporate cycling campaigns;**  
Alexandra Millonig, Matthias Wunsch, Stefan Seer, Austrian Institute of Technology, Austria; Agnis Stibe, Chengzhen Dai, Katja Schechtner, Ryan C.C. Chin, Massachusetts Institute of Technology, USA

**Predetermination of attributes reflecting household preferences in location choice models;** Benjamin Heldt, Kay Gade, German Aerospace Center, Germany

**A concept for the architecture of an open platform for modular mobility services in the smart city;** Christoph Pflügler, Maximilian Schreieck, Gabriel Hernandez, Manuel Wiesche, Helmut Krcmar, TUM, Germany

**PASTA – Increasing sustainable transport as a step towards an active and healthy city;** Elisabeth Raser et al., University of Natural Resources and Life Sciences Vienna, Austria

**Improving Parking Availability Maps using Information from Nearby Roads;** Fabian Bock, Monika Sester, Leibniz University Hannover, Germany

**Spaces of Effort, Exploration of an Experience of Active Mobility;** Farzaneh Bahrami, Alexandre Rigal, EPFL, Switzerland

**“Everything is better with Bluetooth” Localization technology at the service of sustainable mobility;** Filippo Logi, Jan Helebrant, Siemens AG Mobility, Germany

**The Impact of Carsharing on Car Ownership in German Cities;** Flemming Giesel, Claudia Nobis, German Aerospace Center, Germany

**Evaluation of Munich’s Cycle Route Planner – Data Analysis, Customer Survey and Field Test;** Florian Paul, Klaus Bogenberger, University of the Federal Armed Forces Munich; Bernhard Fink, MVV, Germany

**Concepts for tenant tickets for connecting habitation and transport;** Franz Lambrecht, Carsten Sommer, University of Kassel, Germany

**Electromobility in Carsharing – Status quo, potentials, factors of success;** Gerhard Parzinger, Fachhochschule Erfurt, Germany

**Fleet Disposition Modeling to Maximize Utilization of Battery Electric Vehicles in Companies with On-Site Energy Generation;** Johannes Betz, Dominick Werner, Markus Lienkamp, TUM, Germany

**Development of a multi-modal Congestion Assessment Tool and its application in Munich – an example from the Horizon 2020 project FLOW;** Johannes Keller, City of Munich; Nora Szabo, PTV Group, Germany

**Light electric vehicles: substitution and future uses;** Kaarina Hyvönen, Petteri Repo, Minna Lammi, University of Helsinki, Finland

**Social Acceptance of alternative mobility systems in Tunisia;** Katharina Killian-Yasin, Melanie Wöhr, Guy Fournier, Pforzheim University, Germany; Cyrine Tangour, Ecole Nationale d’Ingénieurs de Tunis, Tunisia

**The impact of product failure on innovation diffusion: The example of the cargo bike as alternative vehicle for urban transport;** Lea Heinrich, Wolfgang H. Schulz, Zeppelin University of Friedrichshafen; Isabella Geis, IML Dortmund, Germany

**Modelling children’s mobility and school commuting: a review and key challenges for further research;** Mario Cools, Anne-Francoise Marique, Jacques Teller, University of Liège, Belgium

**A Matching Algorithm for Dynamic Ridesharing;** Maximilian Schreieck, Hazem Safetli, Sajjad Ali Siddiqui, Christoph Pflügler, Manuel Wiesche, Helmut Krcmar, TUM, Germany

**Governance Models in Urban Mobility Strategies against Climate Change: A Review of Case Studies;** Miguel L. Navarro-Ligero, Luis Miguel Valenzuela-Montes, University of Granada, Spain

**Developing Encouragement Strategies For Active Mobility;** Nadine Haufe, Vienna University of Technology; Alexandra Millonig, Karin Markvica, Austrian Institute of Technology, Austria

**Replicators and Robo-Vans Instead of Air-Drones: A Vision of Urban Logistics in the Year 2030;** Oliver Kunze, Institute of Risk and Resource Management, HNU University of Applied Sciences, Neu-Ulm, Germany

**Intermodal urban mobility: The case of Berlin;** Rebekka Oostendorp, Julia Jarass, Sigrun Beige, Konstantin Greger, German Aerospace Center, Germany

**Optimization of Individual Travel Behavior through Customized Mobility Services and their Effects on Travel Demand and Transportation Systems;** Tim Hilgert, Martin Kagerbauer, Karlsruhe Institute of Technology; Thomas Schuster, esentrí AG; Christoph Becker, Forschungszentrum Informatik, Germany

13:00 – 14:00 Lunch Break

14:00 - 15:45 Session 2: Assessing Options for Sustainable Development

**Chair/Keynote: Maintaining Mobility in Substantial Urban Growth Futures**  
Rolf Moeckel, TUM, Kai Nagel, TU Berlin, Germany

**Simulation of synthetic establishments for modeling firm behavior in SimMobility**  
Diem-Trinh Le, Giulia Cernicchiaro, Singapore-MIT Alliance for Research and Technology, Singapore; Chris Zegras, Joseph Ferreira, Massachusetts Institute of Technology, USA

**Exploring the acceptable travel time concept in the US and European contexts. Results from Berkeley, CA and Delft, The Netherlands**  
Dimitris Milakis, Bert van Wee, Delft University of Technology, The Netherlands

**Future perspectives for the Munich Metropolitan Region – an integrated mobility approach**  
Julia Kingadner, Fabian Wenner, Michael Bentlage, Stefan Klug, Gebhard Wulffhorst, Alain Thierstein, TUM, Germany

**A tool for more sustainable residential location choice**  
Stephan Tischler, Markus Mailer, University of Innsbruck, Austria

15:45 - 16:15 Coffee Break

16:15 – 18:00 Session 3: Governance and Participation

**Chair/Keynote:** Anders Larsson, University of Gothenburg, Sweden

**What culture does to regional governance: collaboration and negotiation in public transport planning**  
Alexander Paulsson, Jens Hylander, Robert Hrelja, Swedish National Road and Transport Research Institute, Sweden

**Participatory Planning of Transit Corridors using Interactive Accessibility-based Mapping**  
P. Christopher Zegras, Anson F. Stewart, Phil Tinn, Jeffrey Rosenblum, Massachusetts Institute of Technology, USA

**Autonomous Vehicles vs. Shared Autonomous Vehicles: A Multi-Criteria Multi-Stakeholder Approach**  
Borislav Antonov, Nagège Faul, VEDECOM Institute for the Energy Transition; Philippe Lancelleur, Martin O’Connor, Université Paris-Saclay, France

**Innovations For Sustainable Mobility: Comparing Groningen (NL) and Phoenix (US)**  
J. R. Homrighausen, Royal Haskoning DHV; Wendy G. Z. Tan, University of Groningen, The Netherlands

18:15 Guided City Tour by MVG Bike

19:30 Conference Dinner at Aumeister

## Tuesday, 7th June 2016

08:30 - 09:00 Check-in and Coffee

09:00 - 10:45 Parallel Sessions

Session 4-A: New Mobility Services

Session 4-B: Designing Urban Systems for Different Needs

**Chair/Keynote:** Claus Tully, FU Berlin, Germany

**Electromobility for tourists: testing business models in the Paris region**  
Gaele Lesteven, Fabien Leurent, Ecole des Ponts ParisTech, LVMT, France

**Autonomous taxicabs in Berlin – a spatiotemporal analysis of service performance**  
Joschka Bischoff, TU Berlin, Germany; Michal Maciejewski, Poznan University of Technolgy, Poland

**Flying high in urban ropeways – Chances and obstacles of urban ropeway systems in Germany**  
Max Reichenbach, Maïke Puhe, Karlsruhe Institute for Technology, Germany

**Building Up Demand-Oriented Charging Infrastructure for Electric Vehicles in Germany**  
Tamer Soyly, Christine Weiß, Bastian Chlond, Karlsruhe Institute for Technology; John E. Anderson, Nicole Böttcher, Tobias Kuhnimhof, German Aerospace Center, Germany

10:45 – 11:15 Coffee Break

11:15 - 13:00 Parallel Sessions

Session 5-A: Organizing Multimodal and Shared Mobility

Session 5-B: Assessing Transport Systems on Different Scales

**Chair/Keynote:** Tom Rye, Lund University, Sweden

**Systematic evaluation of new services at mobility hubs**  
Birgit Kohla, Jürgen Fabian, Martin Fellendorf, Graz University of Technology; Elena Just-Moczygemba, Holding Graz Kommunale Dienstleistungen, Austria

**Inventory Routing for Bike Sharing Systems**  
Jan Brinkmann, Marlin W. Ulmer, Dirk C. Mattfeld, TU Braunschweig, Germany

**Free-Floating Carsharing: City-Specific Growth Rates and Success Factors**  
Katherine Kortum, Transportation Research Board, USA; Robert Schönduue, Benjamin Stolte, Benno Bock, InnoZ, Germany

**Validation of a Relocation Strategy for Munich’s Bike Sharing System**  
Svenja Reiß, Klaus Bogenberger, University of the Federal Armed Forces Munich, Germany

**Chair/Keynote:** Stefan Minner, TUM, Germany

**Investigation of barrier free environmental based on smart band technology**  
Dzenan Dzafic, Yavuz Selim Kücük, Georgios Papastefanou, Claudia Maximini, Dirk Vallée, RWTH Aachen, Germany

**Cycling in Older Age – Overcoming Adversity**  
Heather Jones, Kiron Chatterjee, University of the West of England, Bristol; Ben Spencer, Tim Jones, Oxford Brookes University, UK

**Streets: Epitomes of challenges and opportunities at the interface of public space and mobility**  
Kim Carlotta von Schönfeld, Luca Bertolini, University of Amsterdam, The Netherlands

**Better for everyone: An approach to multimodal network design considering equity**  
Rosalia Camporeale, Leonardo Caggiani, Michele Ottomanelli, Technical University of Bari, Italy; Achille Fonzone, Napier University, Edinburgh, UK

13:00 – 14:00 Lunch Break

14:00 - 15:45 Session 6: mobil.LAB – Sustainable Mobility in the Metropolitan Region of Munich

**Chair/Keynote:** Stefan Klug, TUM, Germany

**mobil.LAB Doctoral Research Group – Welcome Message**  
Gudrun Löhner, Hans-Böckler-Foundation, Dusseldorf

**Adoption of Technology & Innovations – Diffusion barriers of Electric Bicycles and Windows of Adoption**  
Jessica Le Bris, Green City Projekt; mobil.LAB doctoral research group, TUM; University of Tübingen, Germany

**Interrelations of low-income group’s residential and mobility choices in growing metropolitan areas**  
Lena Sterzer, mobil.LAB doctoral research group, TUM, Germany

**The deliberative practice of Vision Mobility 2050: Vision-making for sustainable mobility in the region of Munich?**  
Chelsea Tschoerner, Freiburg University, Germany; Sven Kesselring, Cosmobilities Network, Nürtingen-Geislingen University, Germany

**Outlook: Perspectives of mobil. LAB – Shaping Mobility Cultures**  
Sven Kesselring, Nürtingen-Geislingen University, Germany; Gebhard Wulffhorst, TUM, Germany

15:45 – 16:00 Coffee Break

16:00 -17:30 Panel Discussion Transforming Urban Mobility

**Chair/Animation:** Gebhard Wulffhorst, TUM, Germany

Report of Observers:

Birgit Kohla, TU Graz, Austria  
Luca Bertolini, University of Amsterdam, The Netherlands

Panelists:

Gerhard Sessing, Siemens  
Carl-Friedrich Eckhardt, BMW  
Fabian Schülte, City of Munich  
Kilian Kärgel, Munich Transport Corporation  
Kurt Bechtold, Bavarian Ministry of the Interior, for Building and Transport

17:30 Closing Ceremony

mobil.TUM awards

Farewell