Day 1: Wednesday - June 13th

08:00 - 09:00 — **Check-in & Coffee**

09:00-10:15

Welcome: TUM Vice President & CIO **Hans Pongratz**

Introduction: Focus Area Mobility & Transportation Systems

Keynote 1: Patricia Mokhtarian - "The Expanding Uses of Travel Time: What Do They Portend for Policy, Planning, and Life?"

10:15-10:45 — **Coffee Break**

10:45 - 12:15 — **Plenary Session 1**

Euston station redevelopment: regeneration or gentrification?
Robin Hickman | University College London

Modelling the Great Transformation in the Ruhr Area
Michael Wegener | Spiekermann & Wegener Urban and Regional Research

Accessibility: definitions, measurement & implications for transportation planning analysis
Eric Miller | University of Toronto

If a transition in urban mobility is what we want, are we asking the right questions?
Marco te Brömmelstroet, Luca Bertolini | University of Amsterdam

12:15-13:30 — **Lunch Break**

13:30 - 15:15

	2 A - "Traffic Flow and Traffic Control" Chair: Fritz Busch	2 B - "Transportation Data Analysis" Chair: Francisco Pereira	2 C - "Mobility & the Urban System" Chair: Patricia Mokhtarian
1	**Trajectory-Based Performance Measures for Interrupted-Flow Facilities** Christopher Day | Iowa State University	**Automated open-source data collection and processing: an example of Open-Street-Map and Bike sharing** David Duran | mobil.LAB	**Car-lite impacts on housing market and vehicle ownership** Diem Trinh Thi Le | Singapore-MIT Alliance for Research and Technology Centre
2	**Analyzing the Impact of Anticipatory Vehicle Routing on the Network Performance** Aledia Bilali | BMW Group	**Cell Phone based Origin-Destination Matrices for Transport Modelling** Michael Cik | Graz University of Technology	**Analysis of the Travel Time of Various Transportation Systems in Urban Context** Kathrin Viergutz | German Aerospace Center (DLR)
3	**Kalman filter for turning rate estimation at signalized intersections, based on Floating Car Data** Eftychios Papapanagiotou | Technical University of Munich	**Estimating the externalities of a sustainable mobility platform using GPS traces** Joseph Molloy | ETH Zurich	**How to Define Urban Centers: A Review of Concepts and Research Challenges** Venny Veronica Natalia | Technische Universität Berlin
4	**Virtual Integration Platforms and Sensor Models in the Context of ADAS Functions Performance Testing & Validation** Kmeid Saad | Kempten University of Applied Science	**Analyzing OpenStreetMap as data source for travel demand models – A case study in Karlsruhe** Lars Briem | Karlsruhe Institute of Technology (KIT)	**The Impact of Urban Rail Transit on Residential Property Price in Shanghai** Haixiao Pan | Tongji University
5	**Multi-output Deep Learning for Bus Arrival Time Predictions** Niklas Christoffer Petersen | Technical University of Denmark		**User-centered design of autonomous mobility for public transportation in Singapore** Henriette Cornet | TUMCREATE

15:15 - 16:15 — **Poster Session - see separate program!**

16:15 - 18:00

	3 A - "MaaS" Chair: Raoul Rothfeld	3 B - "Transport Modelling" Chair: Haris Koutsopoulos	3 C - "Governance & Equity" Chair: Luca Bertolini
1	**Contributions of Mobility Stations to sustainable urban mobility – The examples of three German cities** Montserrat Miramontes, Maximilian Pfertner | Technical University of Munich	**Calculation of potential for setting up charging infrastructure for battery-powered electric vehicles** Teresa Funke | RWTH Aachen University	**Need for action: How to achieve a greenhouse gas neutral German transport sector** Katrin Dziekan | German Environment Agency
2	**Empower or Thwart? Insights from Vienna and Helsinki regarding the role of public authorities in the development of MaaS schemes** Maxime Audouin | Ecole Polytechnique Fédérale de Lausanne (EPFL)	**Automated Vehicles – Game Changer For Urban Mode Choice?** Rita Cyganski | German Aerospace Center (DLR)	**Are the needs of different people in transport planning taken into account today? A case study on Transport Development Plans in Germany** Alexandra Theißen | RWTH Aachen University
3	**Integrating Smart Mobility Services in Operational Traffic Management** Patrick Hofman | MAP traffic management	**Assessing the influence of visibility components in interactions between bicyclist and car drivers** Andreas Keler | Technical University of Munich	**Re-evaluating social learning and social innovation: an application to transport** Kim Carlotta von Schönfeld | Wageningen UR
4	**The multimodal transport user – a challenge for public transport?** Max Reichenbach | Karlsruhe Institute of Technology - KIT	**Facility Location Problems in City Crowd Logistics** Emanuel Herrmann | Hochschule für angewandte Wissenschaften Neu-Ulm	**Ambitious goals and tools to fulfil them - a study of opportunities and pitfalls in Norwegian metagovernance of urban mobility** Anders Tønnesen | Institute of Transport Economics (TØI)
5	**Design and Simulation of a Public-Transportation-Complimentary Autonomous Commuter Shuttle** Florian Dandl | Universität der Bundeswehr Muenchen	**Drones for last mile logistics: A perspective of transport system evolution** Stephan Müller | German Aerospace Center (DLR)	**Wider Impacts and Scenarios Evaluation of Autonomous and Connected Transport: the WISE-ACT COST Action** Constantinos Antoniou |Technical University of Munich

19:00 - 23:00 — **Conference Dinner + Dinner Speech: Marco te Brömmelstroet** (Venue: Augustinerkeller)

Day 2: Thursday - June 14th

08:30 - 09:00 — Check-in & Coffee

09:00 - 10:45

	4 A - "Accessibility" (Chair: Cecília Silva)	4 B - "Traffic Management" (Chair: Klaus Bogenberger)	4 C - "Demand Modelling" (Chair: Eric Miller)
1	**Exploring relative non-motorised accessibility to retail activity** Aldo Arranz-López | University of Zaragoza	**SOCRATES 2.0 - New Services on Traffic Information and Traffic Management** Peter Lubrich | Bundesanstalt für Straßenwesen (BASt)	**Transport demand model for the Free State of Bavaria – basis for local transport planning** Volker Waßmuth | PTV Transport Consult GmbH
2	**Representing accessibility in property valuations and willingness-to-pay** He He | Massachusetts Institute of Technology	**Impact analysis of changes in passenger vehicle fleet composition to reduce the NO2 immissions** Marcus Gerstenberger | gevas humberg & partner	**Transport demand models in a changing world - Between econometric rationalities and social network obligations** Maike Puhe | Karlsruhe Institute of Technology - KIT
3	**Accessibility planning based on CO2 emissions – implications for employment development within the Munich Metropolitan Region** Julia Kinigadner, Benjamin Büttner | Technical University of Munich	**Advanced Traffic Management Systems supporting resilient smart cities** Laura Coconea | SWARCO Mizar	**Investigate an Appropriate Spatial Resolution for Large-scaled Pedestrian Travel Demand Model** Qin Zhang | Technical University of Munich
4	**All Change or Business as Usual? The Discursive Framing of Digitalized Smart Accessibility in Sweden** Jacob Witzell, Karolina Isaksson | VTI	**GIS-based Infrastructure Requirement Analysis for an Electric Vertical Take-off and Landing Vehicle-based Transportation System** Dimas Numan Fadhil | Technical University of Munich	**Integrating automated vehicles into macroscopic travel demand models** Emely Richter | University of Stuttgart
5	**Towards Sustainable Mobility: A Spatial Analytical Perspective to Link Accessibility and Mobility Planning** Isti Hidayati | University of Groningen		**Multi-step ahead prediction of taxi demand using time-series and textual data** Ioulia Markou | DTU

10:45 - 11:15 — Coffee Break

11:15 - 13:00

	5 A - "System Transition and Behavioural Change" (Chair: Gebhard Wulfhorst)	5 B - "The future of Urban Mobility" (Chair: Benjamin Büttner)	5 C - "The End of the Car Dominance: Alternative Modes of Transportation in the 21st Century " (Chair: Rolf Moeckel)
1	**Wheels in motion: a discourse-analytical study of the transformation of the German automobile industry** Michael Mögele | mobil.LAB	**Transforming urban mobility by rethinking city streets** Luca Bertolini | University of Amsterdam	**Cable Propelled Transit Systems in Urban Areas** Stephan Tischler | ILF Consulting Engineers Austria GmbH
2	**Developing a user typology considering uni- and intermodal mobility behavior: a cluster analysis approach using survey data** Rebekka Oostendorp | German Aerospace Center (DLR)	**Is there such a thing as good enough accessibility?** Cecília Silva | University of Porto	**Policies addressing possible urban air mobility market distortions – a first discussion** Anna Straubinger | Bauhaus Luftfahrt e.V.
3	**Sharing mobilities beyond capitalism? – An exploration into non-commercial sharing practices** Luca Nitschke | Technical University of Munich	**The role of co-housing communities in shaping sustainable everyday life mobilities cultures in Munich and Copenhagen** Julie Magelund | mobil.LAB	**Modelling and evaluating urban air mobility – an early research approach** Raoul Rothfeld | Bauhaus Luftfahrt e.V.
4	**Automation-ready framework for urban transport and road infrastructure planning** Syrus Gomari | Rupprecht Consult	**Perceptions of students' representatives towards sustainable mobility on Spanish university campus** Cecilia Elizabeth Bayas Aldaz | Universidad Autónoma de Madrid	**Observational method and coding framework for analyzing the functionality of unprotected bicycle lanes** Catherine Silva | mobil.LAB
5	**The Effects of Urban Road Capacity Expansion – experiences from two Norwegian cases** Aud Tennøy | Institute of Transport Economics (TØI)		**Perception of Safety and Cycling Behavior on Varying Street Typologies: Opportunities for Behavioural Economics and Design** William Riggs | University of San Francisco

13:00 - 14:15 — Lunch Break

14:15 - 15:45

	6 A - "Autonomous Vehicles" (Chair: Bernhard Friedrich)	6 B - "Public Transport" (Chair: Antonios Tsakarestos)	6 C - "Walking & Cycling" (Chair: Montserrat Miramontes)
1	**Estimating Advertisement Revenue for Robocabs** Lukas Block | University of Stuttgart	**Should autonomous shared taxis replace buses? A simulation study** Gregor Leich | Technische Universität Berlin	**Assessing the relationship between neighbourhood characteristics and cycling: Findings from Amsterdam** Samuel Nello-Deakin | University of Amsterdam
2	**Impact assessment of autonomous DRT systems** Joschka Bischoff | Technische Universität Berlin	**Leveraging innovation for last-mile connectivity to mass transit** Chaitanya Kanuri | World Resources Institute	**Who, how and why? First insights into the free-floating bike sharing schemes in Vienna** Christoph Link | University of Natural Resources and Life Sciences (BOKU)
3	**An Examination of User Adoption Behavior of Autonomous Vehicles and Urban Sustainability Implications** Ransford Antwi Acheampong | University of Dublin	**An innovative methodology to define the bus comfort level on board** Roberto Murru | CTM S.p.A	**The Potential for Cycling in Starter Cycling Cities** Cecília Silva | University of Porto
4	**Investigating the Socio-Technical Transition towards Autonomous Driving: The Examples of the Metropolitan Regions of Munich and Stuttgart** Eriketti Servou | mobil.LAB	**Modelling mode choice including urban air mobility – a case-study of Munich** Mengying Fu | Technical University of Munich	**Exploring ways of measuring walkability** Marianne Knapskog | Institute of Transport Economics (TØI)

15:45 - 16:00 — Coffee Break

16:00 - 17:30

Keynote 2: Claus Beringer - "Data as fuel of future mobility – AI as its engine"

Closing Remarks

mobil.TUM awards + Farewell