

## The Doctoral Research Group mobil.LAB “Sustainable Mobility in the Metropolitan Region of Munich”

The mobil.LAB Doctoral Research Group is an interdisciplinary and international group of doctoral candidates, researchers and professors conducting research on the theme of sustainable mobility in the metropolitan region of Munich.

We engage with both local and international researchers as well as practitioners on the theme of sustainable mobility in metropolitan regions. This includes PhD Workshops, thematic conferences, public lectures and policy workshops.



## Contact

### **mobil.LAB Speakers:**

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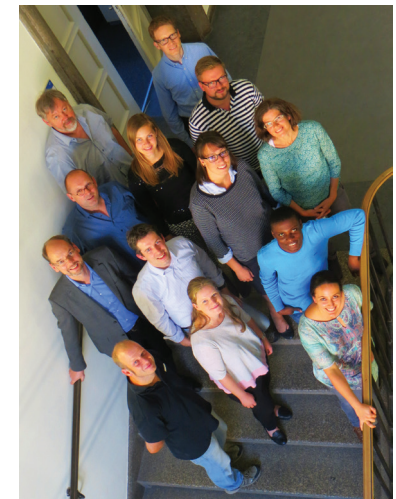
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**Web:** <http://www.sv.bgu.tum.de/en/mobillab/>



## **mobil.LAB Doctoral Research Group**

### **Sustainable Mobility in the Metropolitan Region of Munich**



**More information about our research group and its  
activities and projects can be found online at:**

<http://www.sv.bgu.tum.de/en/mobillab/>

## About us

We contribute towards a sustainable future through a variety of PhD topics all centered on sustainable mobility in the region of Munich. Deriving from the fields of engineering, urban planning, sociology, economics, environmental studies and geography, we investigate the pathways and processes central to sustainable mobility in local, urban and suburban spatial contexts. In addition to academic research, we aim to establish platforms for exchange with local authorities, transport planners, civil society and regional companies.

mobil.LAB was established in 2011 as a doctoral research group for young researchers in transport and mobility. It is a joint programme of the Technical University of Munich (TUM) and Nürtingen-Geislingen University (HfWU). It is coordinated from the Chair of Urban Structure and Transport Planning at TUM.

The mobil.LAB Doctoral Research Group, related events and most of the doctoral students in the group are supported and funded by the Hans-Böckler Stiftung.

## Affiliated professors

**Prof. Dr.-Ing. Gebhard Wulfhorst**, Urban Structure and Transport Planning, TUM

**Prof. Dr. Sven Kesselring**, Sustainable Mobilities, HfWU

**Prof. Dr.-Ing. Fritz Busch**, Traffic Engineering and Control, TUM

**Prof. Dr.-Ing. Robin Ganser**, Spatial Planning, Urban and Rural Development, HfWU

**Prof. Dr. Sabine Maasen**, Munich Center for Technology in Society (MCTS), TUM

**Prof. Dr.-Ing. Rolf Moeckel**, Rudolf Mößbauer Assistant Professor, Modelling Spatial Mobility, TUM

**Prof. Dr. Claus J. Tully**, Free University of Berlin

**Prof. Dr. Alain Thierstein**, Urban Planning, TUM

**Prof. Dr.-Ing. Stefan Reindl**, Automotive Economy, HfWU

## Shaping Mobility Cultures

The framework of the 2nd funding phase of the mobil.LAB doctoral research group, starting in September 2016, is „Shaping Mobility Cultures“. It takes into account that sustainable development requires a profound change of perspective and a radical change in transport and mobilities. The programme is divided into four research areas:

### New mobility concepts

This area involves frameworks and impacts of multimodal mobility services, interactions with urban environments and mobility behaviour, or perspectives on highly-automated vs. autonomous driving.

### Changing mobility practice

This can involve transforming workplace environments, impacts of ICT on mobility behaviour, new mobility patterns. or modelling different framework conditions.

### Transition from transport to mobility policies

By developing a multi-layer governance model for sustainable mobility, a critical discourse analysis on smart cities, or integrated planning procedures for sustainable urban development and mobility are enabled .

### Sustainable mobility cultures

Mobility cultures play an important role for the future of the metropolitan region, or for planning in the mobile risk society based on relevant and new mobility theories.

## Current Doctoral Topics

- [Quality management for neighbourhood mobility](#)  
Torsten Belter, Dipl.-Verk.wirt.
- [Accessibility to work places](#)  
Julia Kinigadner, M.Sc. Env. Engineering
- [Changing mobility cultures through co-operative housing](#)  
Julie Magelund, M.Sc. Social Sciences
- [Assessment of mobility stations on sustainable urban mobility](#)  
Montserrat Miramontes, M.Sc. Env. Engineering
- [„Smart Mobilities‘: Mobility for all? - A critical analysis of collaborative mobility concepts](#)  
Luca Nitschke, M.Sc. Env. Studies
- [Instituionalizing autonomous driving as a pathway towards sustainable urban mobility cultures](#)  
Eriketti Servou, M.Sc. Urban Planning & Management
- [Best practices for behavioural mobility: Analyzing bicyclists‘ interactions with semiotic devices and infrastructures](#)  
Cat Silva, M.A. Urban Planning, M.A. Public Administration
- [On-Demand Mobility System: Analyzing the interactions between urban mobility requirements and on-demand mobility services](#)  
Christian Assmann, M.Sc. Industrial Eng. and Management
- [Effects of the structural change in the automotive industry on metropolitan regions and their mobility cultures](#)  
Michael Mögele, 1. Staatsexamen Geography and Physics