

## Master Thesis/ Masterarbeit



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## A Study of Personal Mobility in China

With about 28 million sold cars in 2018, China represents itself as the worldwide largest market for automotive manufacturer and supplier. Besides economic aspects, legislative boundary conditions and infrastructure - related regulations as well as strategic investments show important impact on the personal mobility behavior. In addition, China is characterized by an increasing number and size of large cities and on the other hand enormous distances between the metropolises. The master thesis aims on a study of personal mobility behavior in China under consideration of customer behavior, legislative and cultural boundary conditions. In addition, future mobility scenarios for selected Chinese regions will be developed and discussed on the basis of the researched fundamental data base,

### Working Packages:

- Literature research of personal mobility behavior in China
- Development of correlations between macro-economic key numbers (GDP, Population density...) and customer behavior (e.g. daily mileage, used means of transportation) in different Chinese regions
- Study of traffic-infrastructure related investments and their effects on the personal mobility behavior in different Chinese regions
- Development of mobility scenarios for selected Chinese regions and outlook on future trends

### Requirements:

- Knowledge of Chinese mobility behavior and legislative boundary conditions
- Preferred: Chinese language

**Duration:** 6 months  
**Start:** to be defined  
**Workplace:** Institute of Automotive Engineering

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