

# **Dr Johannes Müller**

## **Lectures**

### **Technical University Munich, since 2021**

#### *Traffic Flow Simulation*

- Pedestrian Simulation, Social-Force-Model
- Introduction to MPed SIMULATE pedestrian simulation software

### **University of the Federal Armed Forces, 2013 - 2015**

#### *Decision and Optimization Theory in Transport*

- Theory of optimization, problem formalization
- Linear and non-linear optimization
- Game theory
- Time series analysis
- Case example: Federal Transport Infrastructure Plan