

Title: Funded theses opportunities within the Verkehr-SuTra project.

Within the Verkehr-SuTra (<https://www.bgu.tum.de/en/tse/research/projects/verkehr-sutra/>) project, up to five students would get the chance to complete their master theses with a monthly stipend of 1025 € (untaxable), for up to four months (until end of January 2022).

Theses topics need to fit within the project's overall goals. (Refer to the project description). The stipendium will start as soon as the master thesis has started and can last until end of January 2022 the latest.

Open topics¹:

- Incorporating stochastic factors into electric vehicle-planning: Energy consumption uncertainty.
- Electric vehicle scheduling with fast charging methods: Minimizing battery and charging infrastructure costs.
- On-road driver behavior data collection and analysis: lessons learned from a case study in Munich.

Starting date:

Starting the 1st of October, 2021.

Who can apply?

The potential applicants need to show high interest in the topic, and must have a relevant background, including, but not limited to, transport engineering (or other fields of civil engineering), mechanical engineering, computer science, or other relevant social science fields, like psychology and ergonomics. The Master thesis topic will be tailored to the skills and interests of each applicant.

How can I apply?

Interested candidates are kindly asked to directly contact **Mohamed Abouelela** (mohamed.abouelelela@tum.de), by sending an email including your resume, and a cover letter in which they explain why they are interested in this opening, and why they believe they are suitable candidates.

¹ The following topics are current open topics; however, students can also suggest other topics of their own, which would be evaluated for their suitability within the project framework.