

Master Theses / Project Studies / IDPs

Changes & Challenges in the automotive industry

Background

The automotive industry is undergoing change. The topics of the future are named “connected”, “automated”, “shared” and “electrified” (CASE) and dominate the current developments in the automotive and supplier industry. In this environment, we offer our customers the unique combination of many years of experience and technical know-how of the FEV Group in all four CASE fields.

Topics

We are constantly looking for students who are passionate about automotive and who want to prepare a Master Thesis. All topics have a clear practical relevance and are mostly connected to our current customer projects. Typically, you will have the opportunity to be part of a project team for a longer period of time and write your master thesis on a project related topic. We are also open to proposals from you. Some examples of our topics are:

- Automatic e-hailing: analysing potential of autonomous driving fleets
- Cost analysis for fuel cells
- CO₂ neutral mobility
- Pedelecs and their impact on urban mobility
- ... and many others

The research work can be carried out in one of FEV offices in Munich / Aachen / Cologne. Interested students with strong analytical skills, high motivation and excellent English proficiency are invited to send their electronic application to cem@wi.tum.de.