

Student thesis



Bachelor / Master thesis

Future user needs on trust in automated driving

Topic and Goal of the Thesis

Automated vehicles may play a prominent role in future transportation. However, this success is not only an issue of technological advancement but also of customer acceptance. An important factor of customer acceptance is the perceived safety of and trust in automated systems. Ambition of this thesis is to verify (or falsify) this statement not only for today, but also for the future. In addition, suitable measures to increase trust and perceived safety should be derived and discussed.

Working Points

- Identification and analysis of the state of the art
- Forecast on future user needs regarding trust and perceived safety of automated vehicles
- Identification of potential approaches for increasing perceived safety and trust

Requirements

- Good English or German language skills
- Reliability, commitment and enjoyment of working independently
- Experience in the field of driver-vehicle interaction, mental models (not a must)

Department

Strategy and Consulting

Contact



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Language

German or English

Entry Date

Earliest possible date

Prior knowledge

Automotive engineering, driver vehicle interaction basics (not a must)