

MaTh Implementation and testing of Automatic Emergency Braking (AEB) for trams

Task description

- Implementation of an AEB system for InnoTram
- Performance testing of the implemented AEB on recorded data

Task details

- Research literature for current automatic emergency braking concepts in different domains
- Analyze transferability of AEB concepts to railway applications
- Implementation of an AEB concept on the InnoTram
- Analyze limitations for the chosen AEB concept



NOTICE: All projects and theses at FZD can be done in English or German, as preferred.

ANMERKUNG: Alle Projekte und Arbeiten bei FZD können wahlweise in Englisch oder Deutsch durchgeführt werden.