Teleoperation means the remote control of a vehicle and is seen as a fundamental key factor to enable automated driving. In the research projects MAAS and UNICARagil teleoperation systems are developed and implemented into the automated vehicles. For this, a test concept including test cases based on a risk analysis needs to be developed to approve safety of the systems.

**Tasks:**
- Analysis and extension of the risk analysis of the teleoperation system
- Definition of safety requirements based on the risk analysis
- Development of a test concept including possible test environment and the definition of concrete test cases
- Execution of selected test cases in a given test environment
- Evaluation of the method in comparison to existing methods

**Requirements:**
- Readiness for theoretical approaches and abstract thinking
- Good understanding of the functions of an automated vehicle

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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.