

BaTh Measurement data collection & analysis for isolation of individual cause-effect chains in lidar detection lists.

Messdaten-Erhebung und -Auswertung zur isolierten Betrachtung einzelner Ursache-Effekt-Ketten in Lidar-Detektionslisten



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Task Description

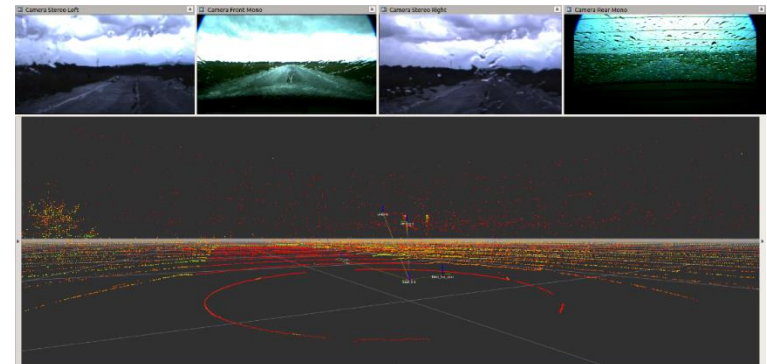
Simulation is key for development, testing and validation of automated driving functions. The sensor measurements to model are influenced by different cause-effect chains. When designing experiments for characterization of such cause-effect chains, the influence of unwanted effects has to be minimized.

Task Details

- Experiment design and measurement data collection with lidar sensors
- Analysis of the achieved degree of isolation of individual cause-effect chains

Requirements

- Interest in lidar sensors
- Interest in experimental research
- Structured way of working with high motivation and reliability



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.

Simulation of environment perception sensors



Simulation von Umfeldsensorik für automatisierte Fahrzeuge



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