

- **Motivation:**

Increase in traffic safety through integral safety systems for the optimisation of accident conditions and reduction of accident consequences.

- **Problem:**

What specific measures can influence the driving dynamics of the subject vehicle when colliding with another vehicle in an optimal way?

- **Objective:**

Potential estimation of external control interventions with regard to brakes / steering by means of a function analysis tool as a basis for the development of ICI control strategies.

- **Solution:**

Development of an automated analysis tool, based on the vehicle simulation, with integrated mapping for the evaluation of control intervention variations in defined collision scenarios.

