

# Model Predictive Control for Automated Driving

- Specification of test scenarios
  - passing scenarios on rural roads
- Extension of existing model predictive planning algorithm
  - current implementation: straight highways
- Simulation of the scenarios in MATLAB/Simulink and SUMO (Simulation of Urban MObility)
- Experiments on small-scale vehicles
- Start: with immediate effect
- Contact: Astrid Rupp

