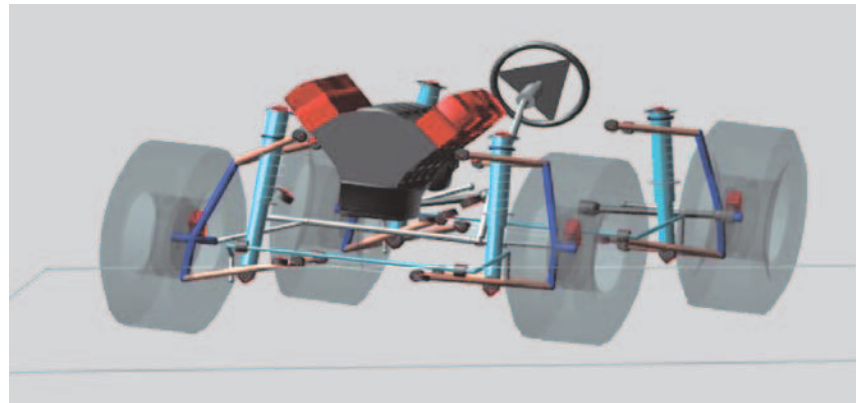
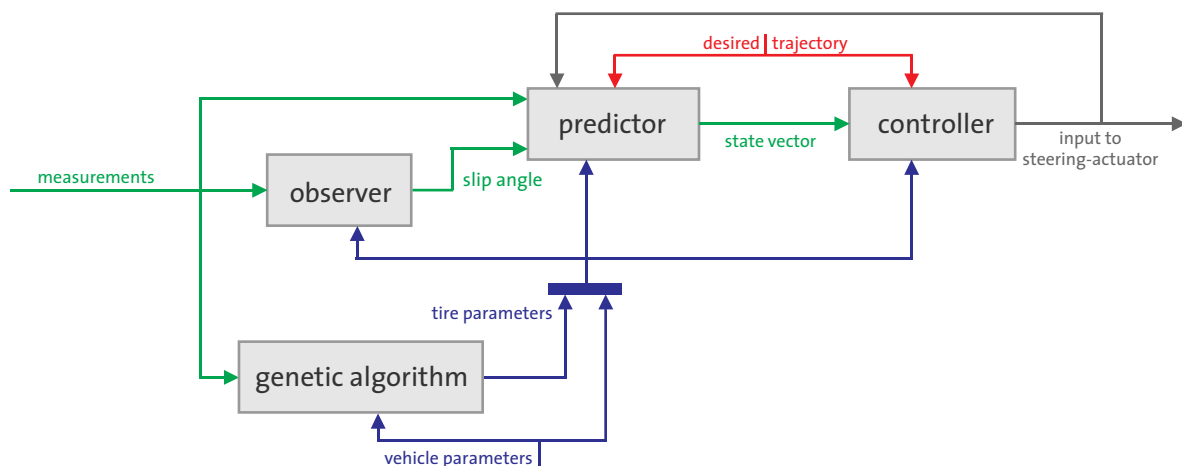


Vehicle Dynamics Simulation

Shorter development times in automotive engineering caused by innovative technologies and frequent model changes require the application of virtual development methods within the entire development process. In particular, simulation studies of vehicle dynamics play a key role in that process.



MBS Vehicle Model



Vehicle dynamics controller



FKFS is a qualified development partner for numerous simulation tasks and studies in vehicle dynamics.

- Vehicle and Component Models
- Driver Models
- Tire Models
- Environmental Simulation
- Active and Passive Wheel Suspensions

- Wheel Suspension Sizing and Concept Development
- Vehicle State Estimation and Sensing
- Subjective and Objective System Rating
- Total System Investigation
- Parameter Variations and Optimization
- Model Verifications