

• Motivation:

Analysis of driving dynamic effects and potential estimation of active control systems.

Simulation of load spectra

• Problems:

Solution of conflicts between agility, driving stability and driving comfort

Factors influencing the overall vehicle dynamics as well as component loads

• Objective:

Function layout, evaluation and component design in an early phase of the virtual development process

• Solution:

Modulare Variantenbasierte Entwicklungsplattform MOVE3F (modular development platform based on variants) for the adjustment of the modelling depth depending on the application range.

Connection with MBS and co-simulation tools

