LiL Demonstrator

aSR Co-Simulation Concept for Virtual Calibration



Motivation

Unfold full potential of Driving Simulators and increase their usage in the early development process.

Implementation

aSR Driving Simulator





Driving dynamics









- Definition of a method to use
 - App-Software for virtual ECU
 - calibration (MiL/SiL) analogue to
 - Hardware-application
- Development of a parameter-interface for application-input
- Development of a Software-intern XCP-Server

Use Case

- **Co-Simulation based on an Active Control Retractor**
- Implementation in the aSR Driving Simulator
- Verification & Validation through alignment with Hardware



Vision

aSR Simulation Framework will offer the possibility to individually substitute the XCP-Interface by DoE-/ AI-Interfaces.

Virtual Vehicle Research GmbH has received funding within COMET Competence Centers for Excellent Technologies from BMK, BMDW, the Province of Styria (Dept. 12) and the Styrian Business Promotion Agency (SFG). The Austrian Research Promotion Agency (FFG) has been authorised for the programme management

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