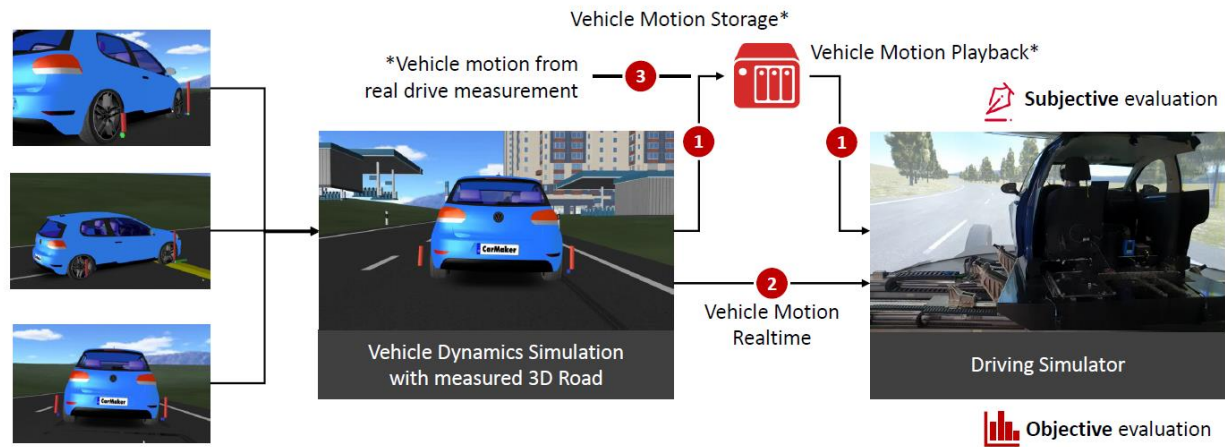


Use of Driving Simulators with CarMaker

Vehicle dynamics simulation in driving simulators

Methods and Applications – Ride and comfort evaluation and optimisation

3 options of vehicle motion and passenger excitation generation



Challenge:

- Shifting development more and more to simulation and reducing the number of prototypes

Solution:

- Using CarMaker combined with driving simulators for vehicle dynamics simulation
- The open integration and test platform CarMaker builds the basis for the vehicle dynamics simulation required by the driving simulator

Source: Apply & Innovate, 2022

20 / 21.09.2022

AB DYNAMICS™

cosin
scientific software

IPG
AUTOMOTIVE

Hochschule
Kempten
University of Applied Sciences

M dynamix

The driving simulator provides the opportunity to experience the subjective driving impressions of functions, systems and driving characteristics already in the virtual phase