



CDS
RESEARCH CENTER DYNAMIC SYSTEMS
SYSTEMS ENGINEERING

Guericke '20 - Mobility of the future: A project to optimise road traffic

03.12.2020 - The team of CDS members Prof. Sebastian Sager and Prof. Rolf Findeisen works in close cooperation with VW / to optimise road traffic. Through data transfer between car and traffic lights, the traffic light circuits are to optimised and the traffic is to become more fluid.

Autonomous vehicles are to send data such as location, speed and acceleration to the traffic lights. The traffic light returns information to the vehicle, such as the number of seconds until switching to the green phase. The autonomous vehicle can then generate an optimal traffic flow by accelerating or decelerating.

> to the complete German article of the OVGU (https://issuu.com/ovgumagdeburg/docs/forschungsmagazin_guericke_20_einzelseite)