Automated and Connected Driving Challenges
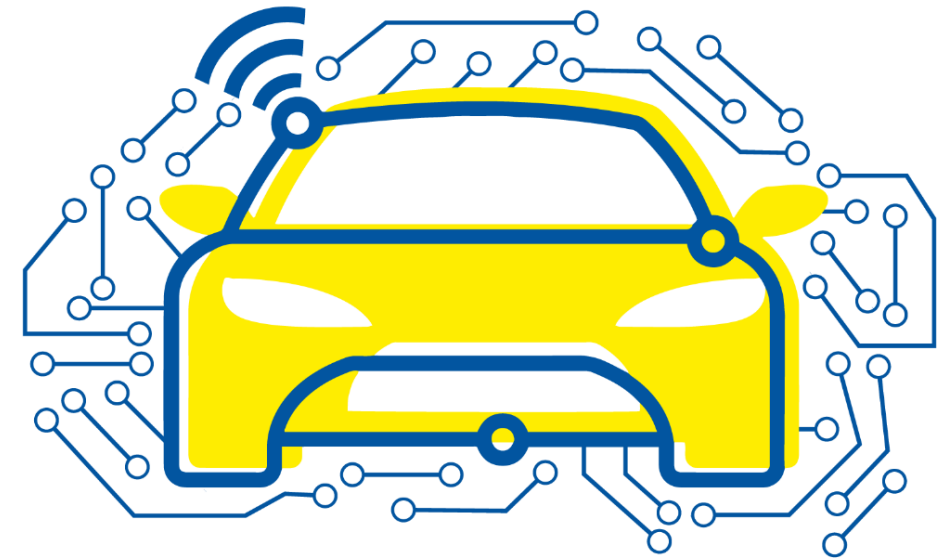
Section 5 – Connected Driving

Infrastructure to Vehicle Communication

Tasks

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I2V-Communication – Tasks

V2X-based Traffic Light Detection and Planning

- Parameterize MQTT client

- Interpret and visualize MAPEM / SPATEM

- Adapt the code of the trajectory planner to react to the states of the traffic lights

- Additional: visualize CAMs from other vehicles that are "live" on the track