Research areas

- Performance aspects of Vehicle2X-Communication (802.11p/ETSI ITS G5: Distributed Congestion Control)
- Framework for simulating V2X-Communication (ARTERY->github)
- Vehicle2X-Hardware in the loop device(V2X-HIL) for performance tests
- Vehicle safety applications based on Vehicle2X-Communication (CARISSMA)
- MEC (MultiAccess Edge Computing) to reduce latency
- Teleoperated driving
Open Questions

- How to determine and guarantee QoS of V2X-Communication (reliability, latency, ...)
- Unified communication approach feasible for V2X-Communication
- How to define a test methodology (reproducibility) for mobile and distributed devices (V2X, Industry 4.0)