Christian Facchi
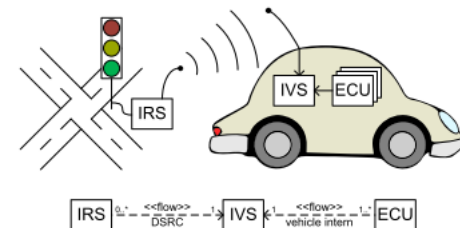*Technische Hochschule Ingolstadt*

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 gurantee 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)