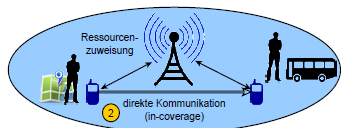




- since 10/2012: at **Munich University of Applied Sciences**
Computer networks, mobile communication networks, computer architecture, mobile applications, smart auto Munich, ...
- 2007-2012: Engineer/project and C2X cluster head at Audi Electronics Venture GmbH/AUDI AG: **Pre-development of Car-2-X connectivity**
- 2002-2007: Research Car-2-X/BMBF FleetNet (TU Hamburg-Harburg)

Current Research

- Hybrid communication for **intelligent mobility** applications (combining cellular and direct communication modes)
- Direct communication of **Local Dynamic Map (LDM)** Data
- Combining **mobile communication system simulation** with accurate pedestrian movement simulation?



Open Questions...

Mobile Internet

- Suitable test-/prototyping environments for mobile Internet, e.g. based on OpenAirInterface? D2D Communication?
- Validation of mobile communication system simulations?

Vehicular Communication

- Will ITS-G5/WAVE/IEEE 802.11p ever be deployed in large scale? Or should we concentrate on LTE-A/5G D2D?
 - Situation in Europe vs. situation in the US?
- Consequences of/new chances with 5G?
- Future trends and research opportunities?

