

Information Management in Vehicular Networks

Relevance-Aware Networking for Advanced Driver Assistance Systems



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Motivation

Highly-Automated vehicles exchange information to increase safety and comfort

- Sensor quality depends on available sensors
- Efficient communication pivotal to reduce costs

Challenges

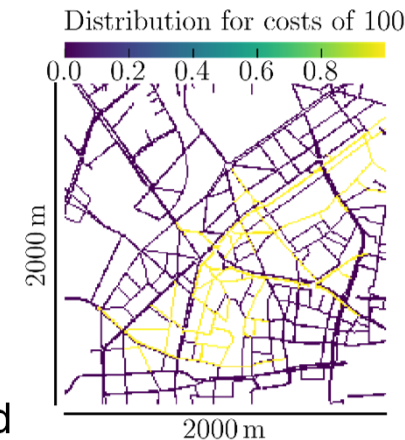
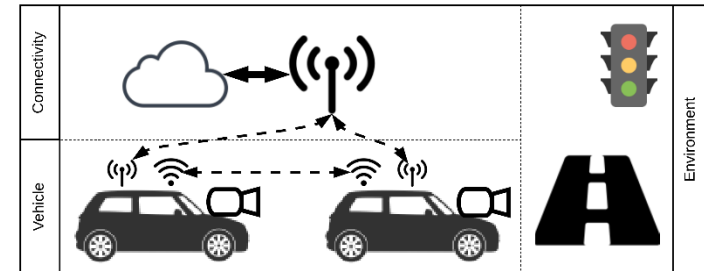
Exchange information efficiently

- Consider vehicle and information context in the distribution
- Rate information regarding their value
- Offload the cellular communication

Contribution

Impact-aware information distribution

- Quality and relevance assessment for exchanged messages
- Increase dissemination efficiency with street-based addressing and different communication strategies



Tobias Meuser

