



# Bachelor/Master Thesis

## Towards Unified Sensor Data Fusion Systems

### Your Task

- Comparison of existing concepts for distributed sensor fusion systems regarding the application field, the technology used, inputs, and outputs.
- Selection of either a single concept or a combination of concepts for a sensor fusion application within a digital twin of the road system.
- Possible but not mandatory: Implementation of a proof of concept.

### Your Profile

- Knowledge of object oriented programming languages.
- Demonstrate reliability, motivation, and the ability to bring in your ideas.
- Preferred but not mandatory: Experience with state estimation of vehicles.

### Our Offer

- Interdisciplinary team of engineers and computer scientists.
- Regular weekly meetings with the supervisors. More or less supervision is possible if needed.
- Key for students' room and access to snacks and drinks (cost price).

### Contact



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