Human-Machine-Interface for Highly Automated Driving

- Human-centered design approach
- Focus Groups
- Literature / Guidelines
- HMI Requirements
- Opel Simulator Studies
- Prototyping & Testing

Opel HMI for Ko-HAF

System available

System active

Take-Over Notification incl. speech output

Take-Over Request incl. warning chime

Evaluation of HMI concept in driving simulator study (N = 36)

- Very good user experience reflected in system usability scale and acceptance ratings.
- Participants rated the preview (center display) and graphical representation of the traffic situation (instrument cluster) as highly useful.
- A take-over notification supported disengagement from non-driving related tasks in predictable transition situations. Furthermore, the take-over time was reduced.

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