



Implicit Communication Channels of (Highly Automated) Vehicles

Open Bachelor/Master Thesis

Background

Vehicles are players in socio-technical systems. Communication with other players involve explicit (e.g. signaling) as well as implicit (e.g. car paint, stickers, slowing down) channels. With the introduction of highly automated vehicles, these channels could change dramatically.

Research Goal

The aim of this thesis is to investigate which implicit channels of communication are dominant today and which channels could be useful or necessary for highly automated vehicles to facilitate communication with the other players. A related work research should be conducted and interdisciplinary and information science approaches should be considered.

A prototype should be designed and implemented that investigates several of these aspects. Finally, the defined hypothesis should be evaluated by conducting a study.

Based on bachelor/master level the scope is adapted.

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