A Careful Driver is One Who Looks in Both Directions When He Passes a Red Light’’ -- Increased Demands in Urban Traffic

This paper summarizes the requirements of an HMI concept for urban areas including the vehicle components: Head-Up Display, the Instrument Cluster, and the Acceleration Force Feedback Pedal. The research addresses all qualitative and quantitative requirements of the aforementioned HMI components as well as urban areas and scenarios itself and warnings in general. The results contain almost 150 confirmed requirements by different sources and lay the foundation for future experiments in this field.

Intellectual Contribution:
Discipline-based Research

Herausgeber:
Yamamoto, S.

Kongress- / Buchtitel:
Human Interface and the Management of Information. Information and Knowledge in Applications and Services

Kongress / Zusatzinformationen:
Crete, Heraklion

Band / Teilband:
8522