PROJECT

Driver adaptation on Driving Assistance Systems in the vehicle

Adaptace člověka na asistenční systémy pro řidiče v motorových vozidlech

Funding: National (Czech Republic)

Duration: Jan 2016 - Dec 2017

Status: Complete

Objectives:

The key objective of the project is to describe the process and degree of a person's (driver's) adaptation to onboard driver assistance systems, particularly in terms of traffic safety, i.e. what positive, or negative, effects such systems may have on traffic safety. The aim is to address the problem from both the individual (i.e. the driver's) and the social perspective (i.e. traffic safety and public health as an issue for the entire society).

In a broader context, the ambition is to develop resources for prevention and the training and education of drivers which should improve the acceptance of these systems and understanding of their functions and limitations, as well as preventing drivers from overestimating the capacities of such technologies.

Other funding sources: Technology Agency of the Czech Republic

Lead Organisation:

Academy Of Sciences Of The Czech Republic - Institute Of Information Theory And Automation

Address:
Pod vodarenskou vezi 4
PRAHA 8
Czech Republic

Organisation Website:
http://www.utia.cas.cz

Technologies:

Advanced driver assistance systems
Human Machine Interface and Human-in-the- Loop Connected Driving Assistance

Development phase: Research/Invention

STRIA Roadmaps: Cooperative, connected and automated transport

Transport mode: Road transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Safety/Security

Geo-spatial type: Other