

Intercultural issues of driver and pedestrian interaction

Students research proposal

Joint research **students** project of Department of Psychology, Palacky University in Olomouc and Traffic Research Unit of Institute of Behavioural Sciences, University of Helsinki. **Research can be carried out as a master thesis project or independent research project. Expected is cooperation supported by Erasmus+ exchange (traineeship program).**

Project scope

The main aim of this project is to understand and describe cultural influences on driver and pedestrian behavior when encountering on pedestrian crossing. Study will be realized on unsignalised pedestrian crossing in Czech Republic (city of Olomouc) and Finland (Helsinki). Data collection method will be camera recordings, field observation (observation of pedestrian and driver behavior at selected crossing), on-site interviews with pedestrians and questionnaire study with drivers. As part of the project, we will also explore possibilities to use of automatic motion capture technologies for the analysis of the video recordings. We assume 2 weeks observations (aprx. 40 hours) at each country. Results will be presented in the respect of safety improvements with focus on cultural influences.

Project realization

The project is a joint initiative of Palacky University in Olomouc, Czech Republic and Helsinki University, Finland. Project is designed as master degree theses project for students of both Universities or stand alone students research project. The specific focus of the project can be tailored for according to the interests and skills of the participants. However, the project must contain the data collection period abroad (aprox. 2 month).

Contacts

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