Driver-Car Interaction and Safety Conference 2021

Conference program

10:00 – 10:15	Introduction from Head of organizing commitee and Publication Chair	**Josef Mík** (FTS, CTU in Prague) **& Alina Mashko** (FTS, CTU in Prague)
10:15 – 10:30	Plenary presentation from Scientific committee chair	**Petr Bouchner** (FTS, CTU in Prague)
10:30 – 10:45	Psychosocial Aspects of the Use and Provision of Carsharing Services in the Czech Republic	**Lucie Hartmanová** (Palacký University Olomouc, Faculty of Arts)
10:45 – 11:00	Bus traffic optimization system for Smart Cities	**Martin Scháno** (FTS Děčín, CTU in Prague)
11:00 – 11:15	Developing a low-cost semi-autonomous platform for urban mobility	**Tomáš Křivda** (Hundred Spires, s.r.o.)
11:15 – 11:45	Coffee break	
11:45 – 12:00	Validation of longitudinal motorcycle riding dynamic model for powered two wheeler interactive simulator	**Josef Svoboda** (FTS, CTU in Prague)
12:00 – 12:15	Dynamic Tests Of The Culvert Face	**Tomáš Kohout** (FTS, CTU in Prague)
12:15 – 12:30	Improved tools for police in traffic collision investigations and the resulting benefits for traffic accident research	**Jan Ritter, Pavel Drbohlav** (Aurel CZ)
12:30 – 13:30	Lunch	
13:30 – 13:45	Increasing the quality of driver school education using modern Advances Driving Simulators	**Libor Topol** (FTS, CTU in Prague)
13:45 – 14:00	The Interaction Between A Driver And Intelligent Transport Systems	**Alica Kalašová** (University of Žilina)
14:00 – 14:15	Brain Data and Driver's Attention during Simulated Drive	**Roman Mouček** (University of West Bohemia)
14:15 – 14:30	Coffee break	
14:30 – 15:00	Development of realistic visualization for vehicle simulator	**Ondřej Piksa** (FTS, CTU in Prague)
15:00 – 15:15	Eyetracking Technology In Automotive Industry	**Jan Novotný** (FTS, CTU in Prague)
15:15 – 15:30	On Applicatons of Brain-Computer Interface	**Roman Mouček** (University of West Bohemia)
15:30 – 15:45	Coffee break	
15:45 – 16:00	Facial Expression Recognition Applied in Safety Domain	**Dragos Datcu** (InteliWatch)
16:00 – 16:15	Usage of multi-image photogrammetry in interactive simulations	**Natálie Hinková** (FTS, CTU in Prague)
16:15 – 16:30	Psychophysiological condition objectivization methods	**Vladimír Socha** (FTS, CTU in Prague)
16:30	Conference finale	

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