HUMAN FACTOR - 31 August 2022

GOAL: To introduce the participants to human perception and how visual information in road traffic is processed; to familiarize the participants with the patterns of road user’s behavior and how they make decisions in different traffic situations and conditions; to introduce participants with safety risks related to distractions and to show contemporary research methods related to human factor and road safety.

TIMETABLE:

09:00 – 10:15 Perception and other relevant performance factors for safe driving - **Part 1** (Petr Zámečník, Ph.D. - Transport Research Centre, Czech Republic)
10:15 – 10:20 Short break
10:20 – 11:35 Perception and other relevant performance factors for safe driving - **Part 2** (Petr Zámečník, Ph.D. - Transport Research Centre, Czech Republic)
11:35 – 11:50 Coffee break
11:50 – 12:50 The role of personality and motivation factors on risky driving (Petr Zámečník, Ph.D. - Transport Research Centre, Czech Republic)
12:50 – 13:30 Lunch break
13:30 – 14:45 Distractions (Asst. Prof. Luca Tefa, Ph.D. - Laboratory of Road Safety and Driving Simulation, Politecnico di Torino)
14:45 – 14:50 Short break
14:50 – 15:50 Introduction to eye tracking (Mirjana Sekicki, Ph.D. - TobiiPro)
15:50 – 16:00 Coffee break
16:00 – 17:15 Eye tracking in road safety research (Dario Babić, Ph.D. – Faculty of Transport and Traffic Sciences, University of Zagreb & Chiara Gruden - Faculty of Civil Engineering, Transportation Engineering and Architecture, University of Maribor)
19:00 Guided tour of the City of Zagreb (costs included in the participation fee)