

# 5.

## DAY

### 7.5 HOURS

#### SCHEDULE

### ROAD AND ENVIRONMENT - 2 September 2022

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**GOAL:** To extend participants' knowledge of different concepts of safe road design; to introduce and elaborate the contemporary concept of self-explaining and forgiving roads; to present the application of a driving simulator in road design and safety analysis.

#### TIMETABLE:

- 09:00 – 10:15** Safe Road design – **Part 1** (*Assoc. Prof. Timothy Gates, Ph.D. – Department of Civil and Environmental Engineering, Michigan State University, USA*)
- 10:15 – 10:20** **Short break**
- 10:20 – 11:35** Safe Road design – **Part 2** (*Assoc. Prof. Timothy Gates, Ph.D. – Department of Civil and Environmental Engineering, Michigan State University, USA*)
- 11:35 – 11:50** **Coffee break**
- 11:50 – 12:50** Effects of sight limitations to driver behaviour (*Prof. Marco Bassani, Ph.D. - Laboratory of Road Safety and Driving Simulation, Politecnico di Torino*)
- 12:50 – 13:30** **Lunch break**
- 13:30 – 14:30** Concept of self-explaining and forgiving roads – **Part 1** (*Asst. Prof. Ali Pirdavani, Ph.D. - Faculty of Engineering Technology, University of Hasselt, Belgium*)
- 14:30 – 14:40** **Short break**
- 14:40 – 15:55** Concept of self-explaining and forgiving roads – **Part 2** (*Asst. Prof. Ali Pirdavani, Ph.D. - Faculty of Engineering Technology, University of Hasselt, Belgium*)
- 15:55 – 16:10** **Coffee break**
- 16:10 – 17:25** Application of a driving simulator in road design and safety analysis (*Asst. Prof. Ali Pirdavani, Ph.D. - Faculty of Engineering Technology, University of Hasselt, Belgium*)
- 17:25 – 17:30** **Short break**
- 17:30 – 18:00** Driving simulator demonstration (*Dario Babić, Ph.D. – Faculty of Transport and Traffic Sciences, University of Zagreb*)

Free evening