

6.

DAY

8 HOURS

SCHEDULE

ACCIDENT ANALYSIS - 6 September 2021

GOAL: Introducing the participants to the methodologies of traffic accident analysis and expert evaluation based on the actual data obtained through a crash test.

TIMETABLE:

- 9:00 – 10:15** Traffic accidents analysis using data from event data recorder (*Asst. prof. Željko Šarić, Ph.D. - Faculty of Transport and Traffic Sciences, University of Zagreb*)
- 10:15 – 10:20** **Short break**
- 10:20 – 11:35** Before-and-after analysis of highway safety countermeasures including Bayesian methods (*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** Impact of vehicle technical inspections on road traffic safety (*Prof. Goran Zovak, Ph.D. – Centre for Vehicles of Croatia / Faculty of Transport and Traffic Sciences, University of Zagreb*)
- 12:50 – 13:30** **Lunch break**
- 13:30 – 14:30** Crash tests
- 14:30 – 15:45** Traffic accident reconstruction with PC Crash **Part 1** (*Tomislav Kučinić - Faculty of Transport and Traffic Sciences, University of Zagreb*)
- 15:45 – 15:50** **Short break**
- 15:50 – 16:50** Traffic accident reconstruction with PC Crash **Part 2** (*Tomislav Kučinić - Faculty of Transport and Traffic Sciences, University of Zagreb*)
- 16:50 – 17:00** **Coffee break**
- 17:00 – 18:15** Traffic accident reconstruction with PC Crash **Part 3** (*Tomislav Kučinić - Faculty of Transport and Traffic Sciences, University of Zagreb*)
- Free evening**