

CEEPUS AutoAuto Network

CIII-SI-1313-01-1819 Autonomous Vehicles Universities

Summer school on Autonomous Vehicles

Main organizer prof. dr. Miran Rodič, University of Maribor

The summer school will be held in Maribor, from June 23rd to July 5th, 2019. This is in the time of Lent festival, which also gives participants a possibility to visit this culture/entertainment event.

The summer school is in line with the CEEPUS AutoAuto network. During the ten days, there will be organised lectures which will deal with future of transport and autonomous vehicles development.

The summer school will be performed as a combination of the lectures and practical work. After the lectures, students will choose the problems to be solved and work to find the solution. In this activity, they will be supported by lecturers and another professors present.

Themes included in a program of summer school:

- Computer vision and image processing
- Testing and validation of automated vehicles
- Artificial Intelligence in automated vehicles
- Quality in software engineering – automotive software
- Vehicle dynamics
- Optimisation methods
- Safety and security in automotive communications
- Data mining and data analysis
- Selected issues of vibration and noise in automotive vehicles

During the Summer school, students will be accommodated in a student dormitory. For selected students accommodation is free of charge.

For all participants, ECTS points will be awarded.

Who may apply?

All regular master studies and PhD students.

Selection criteria

Motivation letter	30%
Prior mobility	30%
Average grade	20%
Seniority of studies	10%
Same sending institution	10%