Workshop: „Project DLASIUT – First-year results"

Agenda

Time	Speaker	Topic
8:30 – 9:00	Željko Majstorović	Registration of participants
9:00 – 9:10	Dean/Vice-Dean	Greeting introduction
9:10 – 9:25	Prof. Ivanjko Edouard	Introduction of the project DLASIUT
9:25 – 9:55	Prof. Daniela Koltovska-Nečoska	Calibration and validation of a microscopic traffic simulation model for performance analysis of an urban corridor
9:55 – 10:25	Prof. René Schumann	Simulation-based testing: From trial and error to structured testing
10:25 – 10:55	Prof. Sadko Mandžuka	Some implication of connected autonomous vehicles on future traffic control
10:55 – 11:10	All	Coffee break
11:10 – 11:40	Prof. Ivana Dusparić	Multi-agent reinforcement learning for optimization of urban transport
11:40 – 11:55	Prof. Tonči Carić	Speed Transition Matrix: Overview and possible applications
11:55 – 12:15	Postdoc Martin Gregurić	Deep Reinforcement Learning in Traffic Control on Urban Motorways: Possible applications and Challenges
12:15 – 12:35	Krešimir Kušić	Dynamic Variable Speed Limit Zones Allocation Using Distributed Multi-Agent Reinforcement Learning
12:35 – 12:55	Filip Vrbanić	Reinforcement Learning Based Variable Speed Limit Control for Mixed Traffic Flows
12:55 – 13:10	All	Coffee break
13:10 – 13:30	Mladen Miletić	Application of Reinforcement Learning in Adaptive Traffic Signal Control: Problems and Possible Solutions
13:30 – 13:50	Dino Čakija	Effects of autonomous vehicles on traffic flow at urban isolated signalized intersection in a mixed traffic environment
13:50 – 14:00	Prof. Ivanjko Edouard	Closing word
14:00 – 14:30	All	Light lunch