


 Section: **AI, Automation and Cybersecurity**

 Chairs: **Edouard Ivanjko, Ph.D.**

Paper title	Authors	Presentation time
Predicting Public Transport Delay Times From Real-time GTFS Data	Kristijan Jurić, Tomislav Erdelić, Nikola Mardešić, Tonči Carić	11:30 - 11:45
Maintenance of Critical Telecommunication Infrastructure in Compliance with the NIS2 Directive: Challenges and Recommendations	Ivan Grgurević, Domagoj Majić, Tomislav Malarić	11:45 - 12:00
Lane Change Detection of Surrounding Vehicles in Dashcam Videos: A Synthesis of Methods and Challenges for Future Research	Shi Qiu, Tom Brijs, André Lourenço, Wim Ectors, Muhammad Adnan, Carlos Carreiras, Pedro Jorge	12:00 - 12:15
Understanding Receptivity to Increasing Vehicle Autonomy	Deema Nabeel Almaskati, Apurva Pamidimukkala, Sharareh Kermanshachi, Jay Michael Rosenberger, Greg Hladik, Ann Foss	12:15 - 12:30
Quantitative Evaluation of Simulation Models in Realistic QKD Networks	Karlo Gavrilović, Ivan Cvitić, Josip Vladava	12:30 - 12:45
Co-simulation Supported Multicriteria Analysis of Autonomous Vehicles Impact on Urban Motorway Traffic Flow	Nikola Topić, Krešimir Kušić, Nino Šehagić, Vinny Cahill, Ivana Dusparic	12:45 - 13:00
COFFEE BREAK		
Detectability of Pedestrian Crossing Road Markings: Comparison of Optical and Thermal Cameras	Anton Pashkevich, Jacek Bartusiak, Lechosław Grochowski, Raz Peleg	13:30 - 13:45
A Survey on Traffic Violations Prediction With Deep Learning	Satria Bagus Wicaksono, Mayssa Hamdani, Ansar Yasar, Li Li	13:45 - 14:00
Analysis of Traffic Flow Lags Between Motorway Traffic Counters	Josip Miloš, Krešimir Kušić, Antea Klapež, Edouard Ivanjko, Mario Muštra, Krešimir Vidović	14:00 - 14:15

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Balancing Efficiency and Quality In Ride-hailing: A Case Study on Spatial Filtering	Nikola Mardešić, Krešimir Vidović, Tomislav Erdelić, Martina Erdelić	14:15 - 14:30
Methods for Identification and Vectorization of Traffic Elements from Orthographic Images	Pavel Vrtal, Zdeněk Svatý, Tomáš Kohout, Luboš Nouzovský, Tomáš Blodek	14:30 - 14:45
Selection of Meteorological and Road Surface Features with Highest Impact on Speed Limit Compliance	Martin Gregurić, Zvonimir Batarilo	14:45 - 15:00