

Edouard Ivanjko is a Professor at the Department of Intelligent Transportation Systems at the University of Zagreb Faculty of Transport and Traffic Sciences. His research interests are related to Intelligent Transportation Systems, modelling, and simulation of road traffic, control systems based on machine learning, forecast of road traffic parameters, connected autonomous vehicles, digital twins in road transport, and the application of computer vision in road traffic. He participated as a senior researcher on various national and international projects like IPA project Computer Vision Innovations for Safe Traffic (VISTA), FP7 project Intelligent Cooperative Sensing for Improved Traffic Efficiency (ICSI), the national scientific project Development Methodology of Integrated Adaptive Transport-logistic Systems, COST action TU1102 Towards Autonomic Road Transport Support Systems (ARTS), COST action IC1406 High-Performance Modelling and Simulation for Big Data Applications (cHiPSet), Advanced methods and technologies in Data Science and Cooperative Systems (DATACROSS), and EU structural fund projects System for route optimization in a dynamic transport environment (SORDITO) and Skipping Boundaries with Internationalization (LoMI). Currently, he is a member of the Croatian Centre of Research Excellence for Data Science and Advanced Cooperative Systems. He also participates in the project Software Sensor Augmentation at Environmental Data Analysis Laboratory (SSA@EDAL) and leads the project Development of Learning Agent-based Systems for Improved Urban Traffic Control (DLASIUT) both financed by the Croatian Science Foundation (HRZZ). Additionally, he is also working as a consultant in evaluating research and development innovation projects financed by Croatia's national and EU programs. He is a member of ITS Croatia, IEEE, Croatian Academy of Engineering, and KOREMA.