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Advances in Connected and Autonomous Vehicles

Guest Editors:

Dr. Ying Huang

Department of Civil, Construction and Environmental Engineering, North Dakota State University, Fargo, ND 58102, USA

Dr. Raj Bridgelall

Department of Transportation, Logistics, and Finance / College of Bussiness, North Dakota State University, Fargo, ND 58108, USA

Dr. Pan Lu

Upper Great Plains Transportation Institute (UGPTI), North Dakota State University (NDSU), Fargo, ND 58102, USA

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Message from the Guest Editors

Dear Colleagues,

As automation continues to advance in the vehicle industry, the future of transportation will be the convergence of connected, autonomous, and connected and autonomous vehicles (CVs, AVs, and CAVs, respectively). Although decades will be required for full market penetration, with sufficient penetration of CVs, AVs, and CAVs, numerous benefits could be delivered such as reducing driver fatigue, reduction of traffic and parking congestion, improved safety, affordability for low-income customers, energy conservation, and emission reduction, which will be accompanied by many new risks and challenges such as regulation, security, and privacy protection. This Special Issue is intended to create a forum for advancing research related to CVs, AVs, and CAVs to support researchers, car manufacturers, government agencies, scientists, and engineers to better evaluate the future impacts of automation in vehicles and develop more reliable connected and autonomous vehicles for their applications in smart cities.











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Editor-in-Chief

Prof. Dr. Pierluigi Siano

Department of Management and Innovation Systems, University of Salerno, 84084 Salerno, Italy

Message from the Editor-in-Chief

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