

Special Issue

Connected Vehicle and Mobile Computing in Transportation

Message from the Guest Editors

Mobile internet coupled with Global Navigation Satellite Systems (GNSS) and the implementation of electric and autonomous vehicles are creating disruptive innovations in the transportation sector. Mobile devices are at the core of most new Intelligent Transportation Systems (ITS). Mobile internet allows a series of groundbreaking services (disruptive innovations) which have also created new markets. Its application is growing at a rapid pace, effectively tying the Web 2.0 with smartphones and creating a type of services that use mobility and satellite data and that, at the same time, are of easy, immediate, and ubiquitous use. Some of the main forces that drive the deployment of such applications are the spread of mobile internet, the use of satellite data, social networks, the creation of user-generated content, and the new generation of connected and autonomous vehicles. This Special Issue aims to aggregate papers on state-of-the-art techniques addressing mobile systems and applications for traffic management and safety, smart vehicles, and smart roads.

Guest Editors

Dr. Vincenzo Pasquale Giofrè

Dipartimento di Ingegneria Civile, Università della Calabria, Rende (CS), Italy

Dr. Vittorio Astarita

Department of Civil Engineering, University of Calabria, 87036 Rende, Italy

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Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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