

Special Issue

Advancement on Smart Vehicles and Smart Travel

Message from the Guest Editors

Vehicle ownership has become affordable for everyone, leading to an increase in their density, especially in urban areas. Moreover, long-range travel has become affordable to a wider range of people, making air, train, and car traffic denser. Even e-commerce, which changed the buying paradigm, requires an upward effort in delivering systems. Last but not least, autonomous driving is becoming a reality, introducing additional issues to transportation networks. Such changes have raised a set of new problems including increasing environmental pollution, managing of traffic, street security and surveillance and the debate on autonomous driving reliability. On the other hand, the recent astonishing development of electronics has made available high-resolution sensors and impressive computing capabilities that have enabled the use of high-performance analysis, prediction and control techniques. In this complex setting, research is needed to provide answers and solutions exploiting frontier technology, both in terms of hardware and algorithms, in order to mitigate and, where possible, solve the above-mentioned issues.

Guest Editors

Dr. Marco Del-Coco

Dr. Sergio Trilles Oliver

Dr. Pierluigi Carcagni

Dr. Ditsuhi Iskandaryan

Dr. Xin Wang

Deadline for manuscript submissions

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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