



Advancement on Smart Vehicles and Smart Travel

Guest Editors:

Dr. Marco Del-Coco

Dr. Sergio Trilles Oliver

Dr. Pierluigi Carcagni

Dr. Ditsuhi Iskandaryan

Dr. Xin Wang

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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.





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Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
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