Special Issue

Novel Advances in Internet of Vehicles

Message from the Guest Editors

The Internet of Vehicles (IoV) represents an innovative and emerging field that aims to achieve the integration of vehicles with the Internet and other advanced technologies, enabling advanced communication, data sharing, and automation to improve daily transportation safety, efficiency, and convenience. Therefore, this Special Issue is intended for the presentation of new ideas and experimental results for IoV from design, service, and theory to architecture and applications. Areas relevant to Advances in the IoV include, but are not limited to: advanced communication technology-enabled connectivity, autonomous driving and advanced driver assistance systems, novel concurrent algorithms and applications, edge/cloud-assisted IoV, large-scale network management, mobile health care, IoV ecosystem and environmental impact analysis, IoV security, artificial intelligence (AI) and machine learning such as explainable AI, and other sources. In addition, the IoV necessary to achieve high performance and techniques for resource sharing market, in the context of parallel and distributed systems, and energy-aware transportation, are also topics of interest.

Guest Editors

Dr. Minghui Liwang

College of Electronics and Information Engineering, Tongji University, Shanghai 201804, China

Prof. Dr. Yuliang Tang

School of Informatics, Xiamen University, Xiamen 361005, China

Deadline for manuscript submissions

closed (20 July 2025)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/184984

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

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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