

Special Issue

Next-Generation Intelligent Transportation Systems

Message from the Guest Editors

This Special Issue seeks to present cutting-edge research that advances next-generation ITSs in terms of communication architectures, sensing and data fusion, intelligent control, coordinated scheduling, cybersecurity and privacy, sustainability, multi-modal integration, data-driven traffic prediction, digital-twin modeling, vehicular and edge intelligence, and cooperative decision making. We welcome contributions including theoretical developments, system design, prototype implementation, simulation and experimental validation, and policy and standardization perspectives.

- intelligent transportation systems (ITSs)
- highway and tunnel traffic applications
- connected and automated vehicles (CAVs)
- transit optimization
- digital twin and edge computing
- AI-driven traffic prediction
- cooperative vehicle–infrastructure systems
- sustainable and smart mobility
- multimodal transportation integration
- next-generation traffic management
- autonomous transportation systems
- digital transportation and big data
- traffic safety
- urban air mobility operations
- on-demand transit

Guest Editors

Dr. Yuyan Pan
Dr. Xin Wu
Dr. Fangtong Jiao

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

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About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma,
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

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