

Special Issue

Machine Learning-Based Internet of Vehicles and Internet of Things Systems

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Machine learning models for IoV and IoT: Deep learning, reinforcement learning, and federated learning applications.
- Intelligent traffic management: ML-based congestion control, route optimization, and real-time navigation.
- Autonomous and connected vehicles: AI-driven vehicular communication, decision-making, and cybersecurity.
- Predictive analytics and anomaly detection: ML-based fault detection, predictive maintenance, and risk assessment in IoT and IoV.
- Security and privacy in IoV and IoT: AI-driven threat detection, blockchain integration, and intrusion prevention.
- Edge and cloud computing in IoT/IoV: Distributed ML models for efficient data processing.
- Smart city applications: AI-enhanced IoT systems for urban planning, energy management, and environmental monitoring.
- 5G and beyond in IoV and IoT: ML optimization in high-speed and ultra-low latency networks.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

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.

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