Special Issue

V2X Communication

Message from the Guest Editors

This Special Issue will showcase cutting-edge advancements, challenges, and opportunities in V2X communication, fostering collaboration and innovation in this transformative field. We welcome submissions addressing, but not limited to, the following topics:

- **V2V, V2I, V2P, and V2N Communication Technologies**
  - Protocols and standards development;
  - Data dissemination and scheduling;
  - Resource allocation and management;
  - Communication algorithms.

- **Security and Privacy in V2X Networks**
  - Threat detection and mitigation;
  - Encryption and authentication mechanisms.

- **Edge Computing and Data Analytics**
  - Real-time data processing;
  - Machine learning applications in V2X.

- **Integration with Autonomous Driving Systems**
  - Sensor fusion and data integration;
  - Decision-making algorithms.

- **Fifth-Generation and beyond for V2X**
  - Implementation challenges;
  - Performance evaluations.

- **Testing and Validation**
  - Simulation models;
  - Field trials and pilot studies.

- **Regulatory and Policy Considerations**
  - Compliance with global standards;
  - Impact assessments.

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Message from the Editor-in-Chief

Editor-in-Chief

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