

Special Issue

Advances in Wireless Communications and Networking for Vertical Applications

Message from the Guest Editors

Currently, more advanced wireless communication techniques have been involved in vertical applications, such as industrial Internet, autonomous driving, smart mining, intelligence logistics, and so on, which motivate vertical applications evolving toward information, intelligence, and networking. The scope of this Special Issue is to bring together theories, optimization methods and schemes, network models, real-world applications of 5G-advanced, 6G, and other advanced wireless communication techniques for vertical communications. It will consist of topical research including (but not limited to) the following areas:

- Deterministic networking and deterministic communication services for vertical applications
- Cooperation of 5G/6G and Time-Sensitive Networking
- Integration of sensing and communication
- Mobile edge intelligence
- Artificial Intelligence in 5G-A/6G networks
- V2X communications in 5G-A and 6G
- 5G-A/6G ultra-reliable low latency communications

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About the Journal

Message from the Editor-in-Chief

Network provides full coverage of all topics of interest involved in the networking area. The purpose of this journal is to bring together researchers, engineers, and students from academia and industry to present novel ideas and solid research about the theoretical and practical aspects in the application domains of communications and networks. The primary focus of the journal is on the analysis, modeling, design, simulation, and implementation of networks. This journal will also serve to attract research concerning applying networking architectures and scenarios to emerging research topics such as Internet of Things (IoT), edge computing, distributed ledger technology, among others.

Editor-in-Chief

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