Topical Collection

Applications of Internet of Things Networks in 5G and Beyond

Message from the Collection Editors

This Topical Collection seeks innovative works on a wide range of research topics, spanning both theoretical and systems research, including results from industry and academic/industrial collaborations, related but not restricted to the following topics:

- Machine learning/AI applications for 5G networks
- Distributed and federated machine learning/AI applications to 5G and IoT domains
- 5G and IoT systems integration
- Security and privacy aspects of 5G and IoT pervasive networks
- 5G and IoT heterogeneous networks
- 5G and IoT use cases and scenarios (e.g., e-health, vehicular networks, transport systems, autonomous driving, logistic management, etc.)
- Age of information in pervasive networks
- Network virtualization systems for 5G and IoT networks (e.g., SDN, NFV, virtual machine placement and migration, network slicing, etc.)
- Service and network planning for IoT and 5G systems
- Edge networking and computation for 5G/IoT domains
- Evolution of 5G and IoT toward 6G and beyond networks
- Full duplex communications in 5G and IoT networks

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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