# Intelligent Wireless Networks

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## Message from the Collection Editors

The goal of this Special Issue is to publish the most recent results in the development of intelligent wireless networks and their emerging applications. Researchers and practitioners working in this area are expected to take this opportunity to discuss and express their views on the current trends, challenges, and state-of-the-art solutions addressing various issues in intelligent wireless networks, ranging from architecture and communication models to specific algorithms and security aspects. The topics of interest include, but are not limited to:

- Edge/fog computing and architectures;
- Sensor networks and ad-hoc communication;
- Wireless real-time computing;
- High-speed communication systems;
- Embedded systems;
- Cyber-physical systems;
- Machine learning for wireless networks;
- Decision-making for wireless networks;
- Data mining in wireless networks
- Trust and reputation in wireless networks;
- Security aspects in wireless networks;
- Emerging applications: IoT, smart cities, smart agriculture, ambient assisted living, Big Data analytics;
- Applications in medicine (wireless body area networks) and situation awareness (evacuation systems, indoor monitoring).

**Topical**Collection

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## Message from the Editor-in-Chief

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