



Low-Power Wireless Sensor Networks

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Message from the Guest Editors

The smart node of the WSN consists of sensors that acquire data, a data processing system, wireless network management, energy storage, and energy management. The design of a low-power wireless sensor network requires the joint optimization of the parameters of the complete system, from the hardware of the sensor up to the network and application layer.

The objective of this Special Issue is to present the state-of-the-art of the design methodologies of low-power wireless sensor networks in different application fields.

The Special Issue includes but is not limited to the following topics:

- Energy harvesting for WSN
- Energy storage for WSN
- Wearable energy storage
- Power management techniques for low energy IoT devices
- Low-power IoT sensors
- Low-power wireless routing protocols
- Low-power wireless network topologies
- Low-power WSN for structural health monitoring
- Low-power WSN for smart cities
- Low-power wearable wireless sensors for healthcare





sensors



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Message from the Editor-in-Chief

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