



Intelligent Distributed Resource Allocation in Wireless Sensor Networks (WSNs)

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Deadline for manuscript submissions:

closed (31 January 2023)

Message from the Guest Editors

This Special Issue focuses on techniques in the scientific or engineering field of advanced WSNs, with review and research articles regarding the state-of-the-art development of WSNs for emerging applications to be considered for publication. Appropriate topics include, but are not limited to:

- AI-based resource allocation techniques in wireless sensor and IoT networks;
- Intelligent distributed resource allocation for WSNs;
- Collaborative multi-agent resource allocation for WSNs (e.g., federated learning);
- Optimization models for resource allocations for heterogeneous WSNs;
- Understanding the complexity of the interworking of WSNs, CRNs in IoT;
- Optimal use of both the licensed and unlicensed channels for WSNs—resource allocation and scheduling;
- Multi-objective resource allocation schemes for WSNs;
- Wireless-specific security, privacy, and authentication;
- Wireless sensor networks for a specific vertical field (e.g., e-health, smart cities, etc.).





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Message from the Editor-in-Chief

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