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AoI Analysis and AoI-Aware Mechanism for Wireless Sensor Networks

Guest Editor:

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Deadline for manuscript submissions:

closed (25 October 2023)

Message from the Guest Editor

Dear Colleagues,

In this Special Issue, the editor aims to present research on AoI-aware wireless sensor networks during the evolution of Internet of Things (IoT) applications to automate business processes and support human efficiency. This Special Issue will cover the implications of the AoI performance metric with existing performance measures of a wireless sensor network, and focus on the basic theory and key technologies of AoI-aware wireless sensor networks. The AoI-related needs/requirements of wireless sensor networks and the services that might address these needs will be a topic of interest.

This Special Issue encourages authors from academia and industry to submit new research results related to Aolaware mechanisms for wireless sensor networks. The topics include, but are not limited to, the following:

- AoI notation and its applications in wireless sensor networks
- AoI Analysis and the Achievable AoI Limit
- Aol-aware applications
- Technologies to be used:
 - Queuing theory
 - Optimization theory
 - Resource allocation and scheduling
 - And many more.













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Message from the Editor-in-Chief

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