

Special Issue

Industrial Wireless Sensor Networks: Protocols and Applications II

Message from the Guest Editors

With the help of technological advances and standardization activities, we are witnessing the growth of wireless sensor network applications in many areas, such as home appliances, agriculture, transportation, and manufacturing. Recently, the adoption of WSNs in industrial areas has increased due to matured technologies such as transceivers and protocols. Industrial wireless sensor networks require reliability, robustness, and timeliness in information exchange between devices, and they need more sophisticated protocols that many researchers and developers are working on. This Special Issue focuses on the latest research, application, and adoption of wireless sensor networks in industrial fields from the perspective of protocols and applications, requiring high reliability and real-time packet delivery. In such a context, this Special Issue invites contributions on the following topics (though without being limited to them):

- Protocols for industrial wireless sensor networks;
- Wireless network control systems;
- Real-time communications in IWSN
- IWSN testbeds and applications such as smart factories;
- Edge and fog computing for IWSN;
- Any subjects relevant to IWSN.

Guest Editors

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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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