Evolution of IoT and IIoT: Opportunities, Challenges, and Applications

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Message from the Guest Editors

This Special Issue hopes to address all types of high-quality and unpublished papers which aim to solve open technical problems, opportunities, and challenges typical of the applications or systems based on intelligent sensors used for the Internet of Things and Industrial Internet of Things. Topics of interest include, but are not limited to, the following:

- Smart IoT sensors (e.g., wearables, smart devices), new concepts, and paradigms and architectures;
- new trends in real time systems;
- sensor networks and smart computing;
- heterogeneous IIoT networks;
- LPWAN for IIoT (SigFox, LoRa, NB-FI, etc.);
- cellular-IoT technologies (NB-IoT, LTE, and Cat-M1);
- middleware, architectures, and protocols for IIoT;
- 5G for IIoT;
- fog/edge computing for IIoT;
- fieldbuses and IIoT;
- intelligent IIoT management and networking services;
- trustworthiness, security, and privacy for IIoT;
- real time system for IIoT;
- and applications and use-cases (Industry 4.0, smart cities, digital health, smart and digital agriculture, etc.).

Special Issue

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Message from the Editor-in-Chief

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