Industrial Internet of Things (IIoT) Platforms and Applications

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Deadline for manuscript submissions:
20 May 2024

Message from the Guest Editors

Dear Colleagues,

IIoT refers to the evolution of typical ICS, so interconnected sensors, actuators, controllers, PLCs, instruments, and other field devices are networked together with industrial applications. This connectivity allows for a higher degree of automation via data collection, exchange, and analysis. Furthermore, the introduction of IoT into industrial environments has brought the need for data processing closer to the field devices to improve response times and save bandwidth, thus opening the path to Edge/Fog computing in industrial applications. IIoT is an umbrella term that incorporates advances from various technological fields such as wireless and computer networking, sensor networks, cyber-physical systems, cloud and edge computing, big data analytics, artificial intelligence and machine learning, and cybersecurity.

The goal of this Special Issue is to invite high-quality, stateof- the-art research papers that deal with challenging issues in the Internet of Things for Industrial 4.0-oriented Applications.

Link: https://www.mdpi.com/si/132327

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Special Issue

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Message from the Editor-in-Chief

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