Special Issue

Industrial Internet of Things (IIoT): New Directions, Challenges and Applications

Message from the Guest Editors

The Industrial Internet of Things (IIoT) is an important part of Industry 4.0. The Industrial Internet of Things continuously integrates various acquisition or control sensors or controllers with sensing and monitoring capabilities, as well as ubiquitous technology, mobile communication, intelligent analysis, and other technologies into all aspects of the industrial production process, thereby greatly improving manufacturing efficiency and product quality, reducing product cost and resource consumption, and finally realizing the promotion of traditional industry to a new stage of intelligence. From the application form, the application of the Industrial Internet of Things has the characteristics of real-time, automation, embedded (software), security, and information interoperability. This Special Issue aims to address the aforementioned questions by inviting scholarly contributions covering recent advances in the Industrial Internet of Things and its applications. We welcome original research articles covering new applications, challenges, and developments in IIoT, as well as IIoT application papers with novel ideas.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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