Special Issue

IoT-Enhancing the Industrial World

Message from the Guest Editors

The aim of this Special Issue on "IoT-Enhancing the Industrial World" is therefore to present new research that focuses on innovative developments, technologies, and challenges related to industrial environments enhanced with IoT technology. The potential topics include, but are not limited to:

- Design methodologies, middleware, principles, architectures, infrastructures, and tools for IIoT.
- IIoT-enabled service management tools/systems.
- Self-maintainability, self-optimization, self-cognition, or self-customization in industrial environments.
- IoT device interoperability in industrial contexts.
- Acquisition, processing, and security of IIoT device data streams.
- Novel techniques of mining, monitoring, design and prevent operational disruptions in IIoT manufacturing processes.
- Edge computing, fog computing, cloud computing, and IIoT.
- Advanced machine learning and artificial intelligence approaches in an IIoT setting.
- Practical validation and experimental prototypes of IIoT systems.

https://www.mdpi.com/journal/applsci/special_issues/
IoT_Industrial_World

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)

About the Journal

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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