



IoT-Enhancing the Industrial World

Guest Editors:

Prof. Dr. Pedro Valderas

Department of Computer Systems and Computation, Universitat Politècnica de València, 46022 València, Spain

Prof. Dr. Victoria Torres

PROS Research Centre, Universitat Politècnica de València, València, Spain

Deadline for manuscript submissions:
closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

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.
- IIoT 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.



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Special Issue



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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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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