Advanced Applications of Industrial Informatic Technologies

Guest Editor:

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Message from the Guest Editor

Rapid technological changes are taking place today in modern industry. The Industry 4.0 revolution is based mainly on advanced information technology processes.

This Special Issue of the journal aims to support the dissemination of the latest research in the area of advanced information technologies and their implementation in practice. Original papers related, for instance, to production monitoring and control systems, the modelling and simulation of advanced technological processes, industrial data analyses, and the application of artificial intelligence methods in industry are kindly welcome. Both experimental and numerical approaches will be accepted.

- Computer monitoring and production control
- Computer modelling, simulation and the optimization of technological processes
- Industrial data analysis
- The design of industrial IT systems, including real-time systems and embedded systems
- The use of artificial intelligence in industry, including expert systems
- Designing the devices used in industry, including firmware
- 3D scanning
- The technologies of Industry 4.0

Special Issue

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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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