Cyber Factories – Intelligent and Secure Factories of the Future

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Message from the Guest Editor

Dear Colleagues,

The digitalization of production is often described as being another industrial revolution, with a tremendous impact on our lives as members of the workforce and as consumers. With the increase of distributed connected devices and the so-called industrial internet of things (IIoT), factories are facing a digital transformation that brings challenges concerning their efficiency, security and safety. The paradigm is now based on the transaction of data rather than on the transaction of goods. Any connected device, whether from the shop floor or remotely from third parties, despite the valuable data from the optimization and business point of view, needs to be considered as a risk.

The aim of this Special Issue is to provide a forum for the dissemination of works in which academics and industrial practitioners discuss the opportunities and threats of the factories of the future, and how artificial intelligence can impact on them.

Prof. Dr. Isabel Praça
Guest Editor

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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