Special Issue

Learning Based Methods for Industrial Applications

Message from the Guest Editors

Industrial big data is a general term for the data sets related to the industrial manufacturing process, which is the core of the industrial Internet and an important foundation for the development of industrial intelligence. In recent years, mining industrial big data based on machine learning methods to achieve optimization of industrial production and management has received more and more attention. The aim of this SI is to attract world-leading researchers in the area of learning-based methods for industrial applications in an effort to highlight the latest exciting developments, discuss the new methods of data analysitcs and optimization, and promote specific applications of learning-based methods in various industries. The accepted contributions will include learning-based production process modeling, learning-based product quality prediction, deep-learning-based industrial image analytics, learning-based production process fault diagnosis, learning-based production scheduling and management, etc. Open for Submissions: https://www.mdpi.com/journal/applsci/special_issues/learn ing_based_methods_for_industrial_applications

Guest Editors

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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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