Special Issue

Design and Optimization of Production Lines

Message from the Guest Editors

This Special Issue is dedicated to the latest findings on the design and optimization of production lines. The classical models to design production lines follow the objective of balancing the line so as to improve the throughput. The last trends of design and optimization models include the management of reconfigurable machines, switch-off policies, buffer control, and so on, to increase robustness and reduce energy consumption. The goal is to collect a series of works that can summarize the latest trends in the field of production line optimization models, in order to improve the responsiveness of automated lines to failures, the reduction of energy consumption and peak electricity demand, and other methods to support robust and sustainable production lines. All experts are invited to contribute to delineating the future of production lines optimization by submitting their contributions.

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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