Special Issue

Industry 5.0—the Human Factors in Semi-automated Manufacturing

Message from the Guest Editors

The main focus of this session is the invitation of high-quality, state-of-the-art research papers that deal with challenging issues in Industry 5.0. We solicit original papers of unpublished and completed research not currently under review by any other conference/magazine/journal. Topics of interest include, but are not limited to:

- Human–machine interface in IIoT for industrial applications;
- Digital Twin, Device Models, Adaptive- and Automation-Models;
- Human–machine interfaces (HMI) and SCADA supervisory systems;
- Human factors, industrial ergonomics, and safety in smart maintenance;
- Industrial applications of the Internet of Things;
- AI- or ML-based maintenance;
- Risk analysis for Industry Production Systems;
- Smart Manufacturing;
- Smart logistics related to industrial applications;
- Cyberphysical systems;
- Industrial sensor networks;
- Combinations of sensors/sensor networks and Augmented Reality in industrial environments;
- Real-time locating in production and logistics;
- Process modelling and simulation.

Guest Editors

Dr. Tamás Ruppert

Prof. Dr. János Abonyi

Prof. Dr. Andrey Morozov

Dr. Nasser Jazdi

Deadline for manuscript submissions

closed (31 December 2022)

Applied Sciences

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About the Journal

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.

Editor-in-Chief

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