



an Open Access Journal by MDPI

# Industry 5.0.: Current Status, Challenges, and New Strategies

Guest Editors:

#### Prof. Dr. Dragan Perakovic

Department of Information and Communication Traffic, Faculty of Transport and Traffic Science, University of Zagreb, Vukelićeva 4, 10 000 Zagreb, Croatia

#### Dr. Lucia Knapčíková

Faculty of Manufacturing Technologies, Technical University of Košice, 08001 Prešov, Slovakia

Deadline for manuscript submissions: closed (1 November 2022)

### **Message from the Guest Editors**

Dear Colleagues,

Industry 4.0 introduced automation technologies, smart manufacturing and IoT; Industry 5.0, however, offers the possibility of collaboration between machines and humans.

Although Industry 4.0 aimed to give priority to automation processes, we now see the opposite trend. Industry 5.0 aims to show us how humans and machines could collaborate. Machine–human interactions offer benefits from a range of different aspects.

However, the impact of each industrial revolution was to generate more effective processes, and Industry 5.0 will offer even better business models.

This Special Issue aims to explore part of the humancomputer interaction, digital manufacturing, machinehuman interaction and the latest automation technologies.

**Special**sue

Prof. Dr. Dragan Perakovic Dr. Lucia Knapčíková *Guest Editors* 



mdpi.com/si/120057





an Open Access Journal by MDPI

# **Editor-in-Chief**

### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy 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.

# **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

# **Contact Us**

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/applsci applsci@mdpi.com X@Applsci