





an Open Access Journal by MDPI

Digital and Sustainable Manufacturing in Industry 4.0

Guest Editors:

Dr. Roque Calvo

Department of Mechanical, Chemical and Industrial Design Engineering, Universidad Politécnica de Madrid, Ronda de Valencia 3, 28012 Madrid, Spain

Dr. José A. Yagüe-Fabra

I3A, Universidad de Zaragoza, María de Luna 3, 50018 Zaragoza, Spain

Dr. Guido Tosello

Department of Civil and Mechanical Engineering, Technical University of Denmark, Produktionstorvet Building 427A, 2800 Kgs., Lyngby, Denmark

Deadline for manuscript submissions:

20 June 2024

Message from the Guest Editors

The evolution from current to future factories is supported by research contributions in many cross-disciplinary fields, where digitalization and sustainability perspectives are present. Industry 4.0 represents a common framework in accelerated development where those contributions meet to lay the foundation of future factories and manufacturing systems. This Special Issue invites novel and quality research paper contributions employing a wide range of technologies together with the design and operation of manufacturing systems and thus contributing to this evolution.

Manufacturing systems and their integration under sustainability criteria, as well as individual processes and process chains, fit the scope of this Special Issue. Links to factory job shops, including case studies presenting novel and relevant technical/scientific contributions, are welcome.











an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

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

Contact Us