

Special Issue

Cloud Manufacturing and Digitalization to Sustain Industrial Efficiency

Message from the Guest Editors

In this Special Issue, We invite submissions exploring cutting-edge research and recent advances in the Industry (from 4.0 to 5.0) revolution regarding the sustainability and circularity implications in terms of economic, environmental, and social impacts of manufacturing digitization. Both theoretical and experimental studies are welcome and comprehensive review and survey papers. The objective of this proposed section is to collect contributions to share knowledge on: a business model to support integration, identification, application, and mapping of Industry 4.0 technologies to support sustainability and circularity; cloud manufacturing strategies integrating robotics and advanced network to sustain process efficiency; model, design, control, and simulation of processes to support smart and sustainable environments; Big data analytics and machine learning techniques to sustain energy efficiency in industrials; and human and robot cooperating for fitting sustainability and circularity. Thank you very much and we look forward to receiving submission of your quality research work.

Guest Editors

Dr. Fabio Fruggiero

Department of Engineering, DIING, University of Basilicata, 85100 Potenza, Italy

Dr. Marta Chinnici

ICT Division-HPC Lab, Department of Energy Technologies and Renewable Energy Sources (TERIN), ENEA C.R. Casaccia, 00123 Roma, Italy

Deadline for manuscript submissions

closed (20 July 2023)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/109853

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





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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.

Editor-in-Chief

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

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