

Special Issue

Managing Innovation and Sustainable Development in the Era of Industry 4.0

Message from the Guest Editors

The Industry 4.0 paradigm is revolutionizing service and manufacturing industries, exploiting the adoption of innovative digital technologies like Internet of Things (IoT), cyber-physical systems (CPS), artificial intelligence (AI), big data and analytics, cloud computing, robotics, augmented reality, and additive manufacturing. In this evolving scenario, supply firms are going to see radical changes, forcing them to improve their standard in product/process design. Key factors in this transition are: high flexibility, dynamic and circular market, increasing customization, high-quality products, flexible batches, sustainable practices, and short product life cycles. We welcome the submission of papers in the following potential topics:

- Industry 4.0
- enabling technologies
- Internet of Things (IoT)/cyber-physical systems (CPS)
- artificial intelligence (AI)
- big data and analytics/cloud computing
- robotics/augmented reality
- additive manufacturing/3D printing/manufacturing
- sustainable processes/sustainable development goals
- supply chain management

Guest Editors

Prof. Dr. Piera Centobelli

Department of Industrial Engineering, University of Naples Federico II,
80125 Naples, Italy

Prof. Dr. Wael Elgaraihy

College of Applied Studies and Community Service, IMAM
ABDULRAHMAN BIN FAISAL, Dammam, Saudi Arabia

Deadline for manuscript submissions

closed (31 December 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/31128

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

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)