



an Open Access Journal by MDPI

Advances in Smart Production & Logistics

Guest Editors:

Dr. Yuval Cohen

Department of Industrial
Engineering, Afeka Tel-Aviv
College of Engineering, Tel-Aviv
69988, Israel

Dr. João Reis

Industrial Engineering and
Management, Faculty of
Engineering, Lusofona University
and ElGeS, Campo Grande, 1749-
024 Lisbon, Portugal

Dr. Shai Rozenes

Faculty of Industrial Engineering
and Technology Management,
HIT Holon Institute of
Technology, 52 Golomb Street,
POB 305, Holon 5810201, Israel

Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editors

The list of topics includes but is not limited to:

- Intelligent control and support systems for logistics and supply chain decisions
- Big data analytics for manufacturing and logistics systems and processes
- Smart logistics and intelligence-based optimization and planning methods
- Machine learning applications in manufacturing, logistics, and supply chains
- Digital twin modeling and decision making in the Industry 4.0 era
- Logistics 4.0 and Smart Supply Chain (LSSC)
- Smart application of machine vision
- Smart routing and intelligent logistic transportation systems (ITS))
- Prognostics and health management in smart manufacturing systems
- Artificial intelligence for manufacturing processes
- Fusion of sensor information for manufacturing processes
- Self-optimization models for scheduling for shop floor operations
- Blockchain technology, smart contracts, and traceability in the supply chain
- Autonomy, autonomous vehicles, and drones
- Human-machine collaboration (HMC) and smart human-machine interface



mdpi.com/si/135398



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento 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 - Q1 (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](#)