

## Special Issue

# Digital Technologies Enabling Modern Industries, 2nd Edition

### Message from the Guest Editors

In this upcoming Special Issue, entitled "Digital Technologies Enabling Modern Industries, 2nd Edition", we aim to highlight the transformative power digital technologies have to reshape modern industries. This Special Issue is dedicated to uncovering how advancements in robotics, artificial intelligence, the Internet of things (IoT), and other digital innovations are synergizing to redefine traditional practices, enhance productivity, and facilitate sustainable growth. The focus ranges from the deployment of robotic solutions in complex environments to the seamless integration of AI for smarter decision-making and operational efficiency. Robotics, central to this transformation, are evolving beyond their conventional roles, driven by breakthroughs in perception, navigation, grasping techniques, natural language processing, and many other aspects. Simultaneously, sensors and the IoT, technologies that stand at the forefront of the digital revolution, are another pivotal aspect covered by this Special Issue. These technologies are instrumental to creating interconnected ecosystems within industries, enabling the seamless collection, transmission, and analysis of data.

---

### Guest Editors

Dr. Janis Arents  
Prof. Dr. Vytautas Bucinskas  
Dr. Andrius Dzedzickis

---

### Deadline for manuscript submissions

30 November 2026



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/254347](https://mdpi.com/si/254347)

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

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )