

## Special Issue

# Advanced Technologies and Applications of Information Science and Distributed Systems

### Message from the Guest Editor

This Special Issue aims to deliver valuable insights in the ever-evolving fields of computer science and distributed systems. As these areas become increasingly crucial, we foster exchange through this platform. Your participation is warmly welcomed whether you are a researcher, academic, or industry professional. It explores cutting-edge technologies and applications spanning information security, artificial intelligence, quantum computing, digital life tech, machine learning, wireless communication, and more. We invite experts to join us in discussing and promoting the development of these fields. We expect to publish the latest research and future trends. Keywords:

- cutting-edge technologies and applications
- information security
- artificial intelligence
- quantum computing
- digital life tech
- machine learning
- wireless communication
- cloud computing
- data dissemination
- information engineering
- mathematical models
- scientific computing
- big data

---

### Guest Editor

Prof. Dr. Sheng-Tzong Cheng

Department of Computer Science and Information Engineering,  
National Cheng Kung University, Tainan 701, Taiwan

---

### Deadline for manuscript submissions

closed (30 April 2025)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/199919](https://mdpi.com/si/199919)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto: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 5.5



[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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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