

## Special Issue

# Cybersecurity: Novel Technologies and Applications

### Message from the Guest Editor

This Special Issue aims to bring together cutting-edge research and practical advancements that address contemporary cybersecurity challenges across diverse application domains.

The Special Issue welcomes submissions of original research articles, reviews, and case studies that explore novel methodologies, frameworks, tools, and applications to detect, prevent, and mitigate cyber threats. Areas of interest include, but are not limited to, the following:

- Threat intelligence;
- Software security practices;
- Human-centric cybersecurity and usable security;
- Mobile, edge, and IoT security;
- Privacy-enhancing technologies and secure data sharing;
- Cyber resilience for critical infrastructures;
- Methods for securing critical and cloud-based infrastructures;
- Machine learning and artificial intelligence in cybersecurity.

Submissions that bridge theoretical development with practical implementation are especially encouraged. This Special Issue also welcomes interdisciplinary approaches and real-world deployments that demonstrate the effectiveness and scalability of innovative cybersecurity solutions.

---

### Guest Editor

Dr. Karim Elish

Department of Computer Science, Florida Polytechnic University,  
Lakeland, FL 33805, USA

---

### Deadline for manuscript submissions

20 March 2026



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/247685](https://mdpi.com/si/247685)

*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 )