

## Special Issue

# Advances in Cyber-Security and Machine Learning

### Message from the Guest Editor

The fields of cyber-security and machine learning (ML) have seen significant advancements over the past few years. These advancements are driven by the increasing complexity of cyber threats and the growing availability of data, computational power, and sophisticated algorithms. The integration of ML into cyber-security has become crucial in enhancing the capability to predict, detect, and respond to cyber threats. Moreover, the rapid evolution of cyber threats necessitates advanced, adaptive solutions, and ML provides the tools to predict, detect, and respond to these threats effectively. This Special Issue is organized to present the key advances in the application of ML within the cyber-security domain.

---

### Guest Editor

Dr. Sana Ullah Jan

School of Computing Engineering and the Built Environment, Edinburgh Napier University, Edinburgh EH10 5DT, UK

---

### Deadline for manuscript submissions

15 October 2025



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/213381](https://mdpi.com/si/213381)

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

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



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



## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).