

Special Issue

Recent Trends and Applications of Smart Systems for Cybersecurity

Message from the Guest Editors

The cybersphere has significantly contributed to the advancement of science and technology in recent decades. However, the networks that link systems together, the availability of information, the variety of computer technology, and the combination of all these factors put the infrastructures of both the academic and industrial sectors at considerable risk.

Therefore, the shared understanding of the latest cyber defense technology will aid in thwarting malicious users. Additionally, it will produce information on the techniques and tools used by hackers, establish uniform blacklists of suspected services that violate cyber security and privacy rules, and aid in determining whether an enterprise has enough defense resources. Given the significant academic and industrial implications of studying these topics for societally positive outcomes, this Special Issue aims to cover recent findings on theoretical advancements and industrial challenges that combine IC/AI methods with significant cybersecurity issues to underlie the construction of secure systems. Offensive and defensive machine learning security applications might be the subject of research articles.

Guest Editors

Prof. Dr. Asadullah Shaikh

Dr. Jawad Rasheed

Dr. Hani Alshahrani

Prof. Dr. Uffe Kock Wil

Deadline for manuscript submissions

closed (20 May 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/146163

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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), CAPus /
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).