

Special Issue

Advanced Technologies for Detecting Cybersecurity Attacks in Internet of Things Systems

Message from the Guest Editors

The rapid proliferation of the Internet of Things (IoT) has revolutionized various domains. However, the exponential growth of interconnected devices has also significantly increased the attack surface, making IoT systems prime targets for cyber threats. Traditional security mechanisms often fall short in addressing such evolving landscape of cyber threats.

This Special Issue aims to explore innovative methodologies, machine learning techniques, and advanced security frameworks designed to enhance IoT security. We invite high-quality contributions that focus on the design, development, and deployment of advanced technologies for the real-time detection, analysis, and mitigation of cybersecurity threats.

Topics of interest include, but are not limited to, the following:

- Anomaly detection using advanced techniques;
- Lightweight security frameworks for IoT devices;
- Blockchain-based security mechanisms for IoT threat detection;
- Privacy-preserving techniques for IoT environments.

Guest Editors

Dr. Kamran Siddique
Prof. Dr. Ka Lok Man
Dr. Zahid Akhtar

Deadline for manuscript submissions

30 June 2026



Journal of Cybersecurity and Privacy

an Open Access Journal
by MDPI

CiteScore 9.1
Tracked for Impact Factor



mdpi.com/si/235408

Journal of Cybersecurity and Privacy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcp@mdpi.com

mdpi.com/journal/

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





Journal of Cybersecurity and Privacy

an Open Access Journal
by MDPI

CiteScore 9.1
Tracked for Impact Factor



mdpi.com/journal/

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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Danda B. Rawat

Department of Electrical Engineering and Computer Science, Howard
University, Washington, DC 20059, USA

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,
and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 21.5 days after
submission; acceptance to publication is undertaken in 4.8
days (median values for papers published in this journal in
the second half of 2025).

Journal Rank:

CiteScore - Q1 (Computer Science (miscellaneous))