Special Issue

Cybersecurity in the Age of the Internet of Things

Message from the Guest Editor

This Special Issue, "Cybersecurity in the Age of the Internet of Things", seeks to advance research on novel security mechanisms, architectures, and frameworks that enhance the resilience of IoT systems. We welcome contributions covering a broad range of topics, including Al-driven threat detection, blockchain-based authentication, privacy-preserving cryptographic techniques, and secure communication protocols. Additionally, we welcome research that explores security challenges in emerging IoT paradigms such as 5G-enabled IoT, edge computing, and the industrial IoT (IIoT). Papers that provide real-world case studies, attack analyses, risk assessment models, and regulatory considerations for IoT security are highly encouraged. By fostering interdisciplinary discussions, this Special Issue aims to bridge the gap between academia, industry, and policymakers, offering insights into nextgeneration cybersecurity strategies for safeguarding IoT ecosystems.

Guest Editor

Dr. Firoz Khan

Center of Information and Communication Sciences, Ball State University, Muncie, IN, USA

Deadline for manuscript submissions

31 December 2025



loT

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 8.7



mdpi.com/si/237434

IoT Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 lot@mdpi.com

mdpi.com/journal/ loT





loT

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 8.7



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Amiya Nayak

School of Electrical Engineering & Computer Science, University of Ottawa, 800 King Edward Avenue, Ottawa, ON K1N 6N5, Canada

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 25.7 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).

Journal Rank:

JCR - Q2 (Telecommunications) / CiteScore - Q1 (Computer Science (miscellaneous))

