

Special Issue

Intrusion Detection and Resiliency in Cyber-Physical Systems and Networks

Message from the Guest Editors

- Machine Learning and Federated Learning: Application of centralized and decentralized machine learning methods to enhance intrusion detection across distributed systems;
- Resiliency and Robustness: Techniques to ensure systems remain operational despite ongoing attacks or failures;
- Adversarial Learning: Strategies to mitigate the impacts of adversarial attacks on AI models;
- Intrusion Detection: Development of scalable, efficient, and accurate methods for detecting unauthorized access;
- Malware Analysis and Detection: Advanced approaches for identifying and neutralizing malware threats;
- Blockchain Technology: Leveraging blockchain for secure data sharing and intrusion detection;
- Differential Privacy and Anonymization: Techniques to maintain user anonymity while analyzing sensitive data;
- Phishing Attack Countermeasures: Strategies to identify and neutralize phishing threats effectively.

Guest Editors

Dr. Olusola Tolulope Odeyomi

Department of Computer Science, North Carolina Agricultural and Technical State University, Greensboro, NC 27411, USA

Dr. Temitayo Olowu

Idaho National Laboratory, 1955 Fremont Ave, Idaho Falls, ID 83415, USA

Deadline for manuscript submissions

20 August 2025



Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



mdpi.com/si/226298

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

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





Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



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



About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma,
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) /
CiteScore - Q1 (Computer Networks and Communications)