

## 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.

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### 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

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### Deadline for manuscript submissions

closed (20 August 2025)



## Future Internet

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

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## 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.

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### Editor-in-Chief

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

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