





an Open Access Journal by MDPI

Blockchain and Artificial Intelligence for Cyber Security in the Era of IoT and IIoT Applications

Guest Editors:

Dr. Mohamed Amine Ferrag

Department of Computer Science, Guelma University, Guelma, Algeria

Prof. Dr. Leandros Maglaras

School of Computer Science and Informatics, De Montfort University, Leicester LE1 9BH, UK

Prof. Dr. Mohamed Benbouzid

Institut de Recherche Dupuy de Lôme (UMR CNRS 6027 IRDL), University of Brest, 29238 Brest, France

Deadline for manuscript submissions:

closed (28 April 2023)

Message from the Guest Editors

In this Special Issue, both research and practical aspects of blockchain and artificial intelligence methods for cybersecurity are of interest. Aligned with the interdisciplinary nature of cybersecurity, authors from academia, governments, and industry are welcome to contribute. We seek original and high-quality submissions on, but not limited to, one or more of the following topics:

- Blockchain-based artificial intelligent systems for IoT/IIoT applications
- Applied cryptography
- Federated learning for cybersecurity
- Decentralized learning for cybersecurity
- Blockchain-based IoT/IIoT applications
- Blockchain-based Internet of Things architectures and protocols
- Theory of blockchain in cybersecurity for IoT/IIoT applications
- Cyber attacks on blockchain and AI
- Authentication, access control, and authorization
- Intrusion detection systems for IoT/IIoT applications
- Deep learning for cybersecurity
- Machine learning and computer security
- Privacy-enhancing technologies
- Machine learning-enabled IoT Security



Specialsue







an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lei Shu

1. College of Smart Agriculture (Artificial Intelligence), Nanjing Agricultural University, Nanjing 210031, China

2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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), dblp, Inspec, and other databases.

Journal Rank: JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Control and Optimization)

Contact Us