Data Security and Privacy in Blockchain and the IoT

Guest Editors:

Dr. Zhe Peng
Department of Industrial and Systems Engineering, the Hong Kong Polytechnic University, Hong Kong 999077, China

Dr. Hong-Ning Dai
Department of Computer Science, Hong Kong Baptist University, Hong Kong 999077, China

Dr. Yu Li
School of Computer Science, Hangzhou Dianzi University, Hangzhou 310000, China

Deadline for manuscript submissions:
15 November 2024

Message from the Guest Editors

The global big data market is experiencing tremendous growth, driven by advancements in the IoT, cloud computing, and AI technologies; however, the development of big data techniques is hindered by growing data security and privacy concerns. Blockchain, which emerged as a novel distributed consensus scheme, allows transactions and any other data to be securely stored and verified without the need for any centralized and trusted authority. Due to its unique characteristics, blockchain technology has become a popular choice for many application areas, such as e-government, healthcare, social network, finance, supply chain management, and smart manufacturing.

This Special Issue provides a platform for researchers, academics, and industry professionals to present their research work on data security and privacy in blockchain and the IoT. This Special Issue aims to address the challenges and issues of using blockchain and IoT technologies to design decentralized applications and services in various domains.

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us