Advances in Blockchain and Edge/Cloud Computing for Internet of Things

Guest Editors:

Dr. Dinh C. Nguyen
Department of Electrical and
Computer Engineering, University
of Alabama, Huntsville, AL, USA

Dr. Ons Aouedi
IMT Atlantique, Bretagne-Pays de
la Loire Campus de Nantes,
44300 Nantes, France

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Message from the Guest Editors

Dear Colleagues,

Recent years have witnessed the explosion of Internet of Things (IoT) which has reshaped and transformed our lives with various new industrial, consumer, and commercial services and applications. The emergence of blockchain, a data ledger technology, allows for building secure and large-scale IoT systems based on its desirable characteristics of decentralization, accountability, and security. To support computation services in IoT networks, cloud computing and edge computing have been used to improve the system performance and efficiency of service delivery. The combination of blockchain and edge/cloud computing provides a comprehensive IoT ecosystem with high security, efficient computation, and large-scale data storage.

This Special Issue is focused on, but not limited to, the following areas:

- Blockchain designs for IoT applications such as smart healthcare, smart transportation, smart city, smart grids, etc.;
- Efficient algorithms to improve the performance of blockchain in IoT;
- Security and privacy mechanisms for blockchain and edge/cloud computing in IoT;

For more information, please visit: mdpi.com/si/8B5D8V

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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