Advances in Blockchain Architecture and Consensus

Guest Editors:

Prof. Dr. Shiping Chen
Research Scientist in CSIRO
Data61, Sydney 2015, Australia

Dr. Kaimeng Ding
School of Networks and Tele-
Communications Engineering,
Jinling Institute of Technology,
Nanjing 211100, China

Prof. Dr. Yanmei Zhang
School of Information, Central
University of Finance and
Economics, Beijing 100081, China

Deadline for manuscript
submissions:
closed (15 May 2022)

Message from the Guest Editors

Blockchain technology has emerged to provide solutions to trust and privacy challenges, which allows transactions take place in a decentralized manner. Blockchain has evolved to develop decentralized applications beyond financial transactions in different fields, such as legal, healthcare, supply chain, etc. At the core of blockchain technology, there is a decentralized consensus protocol that enables a group of agents to reach an agreement about a global state by accepting data transmitted across an open byzantine peer-to-peer network. Consequently, various blockchain architectures and consensus protocols proliferated.

This Special Issue of the *Algorithms*, entitled "Advances in Blockchain Architecture and Consensus", aims at exchanging the latest innovations and developments in the architecture and consensus of blockchain.

mdpi.com/si/90985

SpecialIssue

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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, and other databases.
Journal Rank: JCR - Q2 (*Computer Science, Theory and Methods*) / CiteScore - Q1 (Numerical Analysis)

Contact Us