

Special Issue

Advances in Blockchain Architecture and Consensus

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.

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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

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