

## Special Issue

# Blockchain: Applications, Challenges, and Solutions

### Message from the Guest Editors

Blockchain is a distributed append-only time-stamped data structure which allows us to have a distributed peer-to-peer network where non-trusting members can verifiably interact with each other without the need for a trusted authority.

This Special Issue seeks original, unpublished papers presenting theoretical and applicative proposals in all Blockchain research areas, focusing more on Blockchain applications and challenges. Topic areas include, but are not limited to the following:

- Exploiting the advantages of Blockchain and challenges to be addressed;
- Blockchain ecosystem and the roles of key players;
- Blockchain integration with other technologies;
- Blockchain architectures, protocols, algorithms, and consensus mechanisms.

### Keywords

- Blockchain
- Crypto Currencies
- Blockchain applications
- Blockchain challenges
- Distributed ledger technologies
- Blockchain and Internet of Things
- Blockchain and big data
- Blockchain regulation
- Smart contracts.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2022)



## Future Internet

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## About the Journal

### Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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### Editor-in-Chief

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