

# Special Issue

## Advances of Blockchain Technology and Its Applications

### Message from the Guest Editors

Blockchain is a distributed database maintained by all participants in a system and secured by public key cryptography. Blockchain technology is one of the most disruptive technologies that impacts research, as well as industries. The advances of blockchain technology have contributed a great deal to change the way in traditional industries, ranging from finance to trade, manufacturing, and more. However, due to the nascent nature of blockchain technology, it is not widely applied to real-life implementations. The aim of this Special Issue is to publish high-quality papers with state-of-the-art solutions regarding blockchain technology and its applications to promote the adoption of this technology in more areas. Potential topics of this Special Issue include, but are not limited to, the following:

- Cryptocurrency
- Smart contract
- Ethereum
- Blockchain security
- Blockchain standard
- Blockchain adoption
- Opportunity and threats in blockchain
- Blockchain and IoT
- Blockchain and healthcare
- Blockchain and trade finance
- Blockchain and government
- Blockchain and energy

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### Guest Editors

Prof. Dr. Kouichi Sakurai

Prof. Dr. Yong Yu

Dr. Yannan Li

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### Deadline for manuscript submissions

closed (30 November 2018)



## Cryptography

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## About the Journal

### Message from the Editor-in-Chief

*Cryptography* is a new international journal which provides the state-of-the-art forum for original results in all areas of modern cryptography. *Cryptography* is published in open access format: research articles, reviews and other contents are released on the internet immediately after acceptance. Our journal welcomes submissions written from the theory and practices of modern cryptography, so that it may become a forum for exchange of new scientific developments between the cryptographers and the practitioners.

We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Josef Pieprzyk

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