

## Special Issue

# Blockchain for the Internet of Things

### Message from the Guest Editors

The goal of this Special Issue is to provide a publication venue that will allow researchers and practitioners to publish their results that would address the challenges listed in order to foster future applications of blockchain in IoT systems and applications. Potential topics include but are not limited to the following:

- Architectures for blockchain systems suitable for IoT applications;
- Single- and multitiered network architectures for blockchain-based IoT systems;
- Tradeoffs in using permissioned vs. permissionless solutions;
- Networking and communication protocols for blockchain-based IoT systems;
- Data and storage issues for blockchain storage of IoT data;
- Sharding and other techniques to combat complexity of blockchains for IoT;
- Consensus protocols and performance, security, suitability for IoT applications;
- Energy efficiency of proof-of-X consensus protocols;
- Security and privacy issues related to IoT systems;
- Security and privacy of proof-of-X consensus protocols;
- Data access in blockchain-based IoT systems;
- Data processing techniques to combat complexity of IoT data;
- Hybrid blockchain systems and tradeoffs between on- and off-chain data.

### Guest Editors

Prof. Dr. Vojislav B Mišić

Department of Computer Science, Ryerson University, Toronto M5B 2K3, Canada

Prof. Dr. Jelena Mišić

Department of Computer Science, Ryerson University, Toronto, M5B 2K3, Canada

### Deadline for manuscript submissions

closed (1 February 2022)



## Future Internet

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*Future Internet*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[futureinternet@mdpi.com](mailto:futureinternet@mdpi.com)

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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

Prof. Dr. Gianluigi Ferrari  
Department of Engineering and Architecture, University of Parma,  
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

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