



an Open Access Journal by MDPI

Blockchain and Artificial Intelligence for Decentralized Edge Environments

Guest Editor:

Dr. Yuansong Qiao

Software Research Institute,
Technological University of the
Shannon, N37HD68 Athlone,
Ireland

Deadline for manuscript
submissions:

closed (30 September 2024)

Message from the Guest Editor

Blockchain implements append-only and immutable data storage through decentralized consensus mechanisms. Multi-robot/multi-drone systems have been used in a broad range of civil and industrial applications. Blockchain technologies can facilitate the collaborations of robots/drones by providing mechanisms for sharing information, as well as helping to achieve consensus without a central controller, especially when the robots/drones are working in untrusted environments.

This Special Issue is soliciting conceptual, theoretical, and experimental contributions, discussing challenges and solutions to a set of currently unresolved key questions including but not limited to the following:

- Multi-robots/multi-drones
- Swarm robotics
- Autonomous mobile robots
- Edge device collaboration
- 5G-based edge collaboration
- Vehicular collaboration
- Artificial Intelligence (AI) in edge environments
- Digital twins for multi-robots/multi-drones
- Robotics/edge intelligence applications



mdpi.com/si/129421



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari

Department of Engineering and
Architecture, University of Parma,
Parco Area delle Scienze, 181/A,
43124 Parma, Italy

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.

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, dblp, Inspec, and other databases.

Journal Rank: JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)

Contact Us

Future Internet Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/futureinternet
futureinternet@mdpi.com
[X@FutureInternet6](https://twitter.com/FutureInternet6)