Special Issue

Blockchain and Artificial Intelligence for Decentralized Edge Environments

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

Guest Editor

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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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