Special Issue

Distributed Computing for the Internet of Things (IoT)

Message from the Guest Editors

This Special Issue covers the recent advances and most innovative approaches in distributed computing technologies for the IoT, in relation, but not limited, to the following topics and areas:

- Cloud, edge, fog and dew computing for the IoT
- Communication and coordination protocols for the IoT
- Big Data technologies and platforms for the IoT
- Mobile crowdsensing on the IoT
- Stream processing and reasoning on the IoT
- Artificial Intelligence distributed solutions on the IoT
- Linked data streams on the IoT
- Models and protocols for distributed IoT systems
- Knowledge graphs and data structures on the IoT
- Distributed/decentralized Artificial Intelligence for the IoT
- Interoperability and multi-domain integration on the IoT
- Cross-domain and cross platform interoperability on the IoT
- Semantic technologies and optimization for the IoT
- Data protection in distributed systems for the IoT
- Distributed ledger technologies for the IoT
- Architectures and distributed IoT platforms design
- Distributed management systems for the IoT
- Federated systems and distributed control for the IoT
- Reliability and trustworthiness over distributed IoT systems

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Deadline for manuscript submissions

closed (20 October 2023)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/
sensors

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