Special Issue

From Edge Computing to Distributed Cloud—A Novel Paradigm toward 6G Networks

Message from the Guest Editors

In this Special Issue, we aim at collecting research contributions from multiple fields, and we invite academic and industry researchers in computer science and engineering, electrical engineering, and communication engineering, as well as ICT industry engineers and practitioners, to contribute with original articles in all aspects of distributed cloud, having a particular focus on the IoT context. The works for this Special Issue may also consider aspects related to the network–computing intersection, including the leverage of QoS, or any studies on QoS requirements in distributed applications. The topics of interest include but are not limited to:

- Edge-computing-based applications for the IoT;
- Edge-aided computation offloading for the IoT;
- Novel architectures and application for distributed edge computing;
- IoT-service migration at the network edge;
- Edge-based support for distributed IoT applications;
- Distributed and federated learning approaches for edge computing;
- Support for network slicing at the network edge;
- Edge-based support for URLLC and critical applications;
- Mathematical models for edge computing;
- Performance evaluation of edge computing systems.

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Deadline for manuscript submissions

closed (20 December 2020)

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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