Special Issue

Massive Learning and Computing for the Reliable Internet of Everything

Message from the Guest Editors

The focus of this Special issue will be on dealing with the requirements, challenges, constraints, theoretical issues, innovative applications, and experimental results associated with the massive learning and computing for the Internet of Everything. Topics of interest include but are not limited to:

- Massive learning and computing methods, algorithms, and systems for the IoE;
- Collaborative/federated/distributed learning in the IoE;
- Dependable design and implementation for the IoE in the perspective of reliability, availability, and survivability;
- Security and privacy schemes on massive learning and computing in the IoE;
- Trusted devices, networks, and computing resource sharing and management for the IoE, such as blockchain-based management for devices, networks, and computing;
- Low latency and highly reliable communications for collaborative computing in the IoE;
- Collective intelligence IoE in 5G and beyond cellular communication systems;
- Trusted and collaborative framework for deep learning in the IoE;
- Various applications supported by collaborative learning and computing in IoE systems;
- Data-driven analysis and model on massive learning and computing in the IoE.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2023)

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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