Edge-Enabled Big Data Intelligence for B5G and IoT Applications

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Message from the Guest Editors

The Internet of Things (IoT) plays a key role in the realization of smart cities, healthcare, and Industry 4.0. Massive implementations of the IoT continue to accumulate massive amounts of data. Big data processing and analysis technologies are playing an increasingly important role, making the world simpler, better, and smarter. This Special Issue aims to cover various aspects related to big data processing and analysis in conjunction with cloud/Fog/Edge computing for IoT, including, but not limited to, the following topics:

- cloud computing, fog computing, and edge computing in B5G and IoT
- novel theories, concepts, and paradigms of the convergence of AI, IoT, and Edge–Cloud
- Artificial Intelligence, machine learning, and data science in/for Edge–Cloud–IoT
- distributed computing architectures, algorithms, and models in B5G and IoT
- IoT data analytics models, algorithms, and applications
- edge-enabled big data intelligence in blockchain IoT
- explainable AI for IoT data processing
- big data intelligence for IoT security (authentication, access control, security models), privacy preservation, and data protection
- information integrity and fusion in IoT

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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