Intelligent Edge-Cloud Collaboration for Internet of Things

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Message from the Guest Editors

This Special Issue is devoted to the most recent developments of edge intelligence technologies for IoT applications. Topics of interest include, but are not limited to, those listed below:

- AI-assisted edge computing, fog computing, and cloud computing;
- Intelligent decision making for task offloading, resource allocation, profiling, modelling, content caching, cyber-security, and privacy in IoTs;
- AI-based theories, scenarios and architectures of application placement, computation offloading or data offloading in IoTs;
- Deep learning driven latency and energy consumption model in IoTs;
- Joint communication and computation optimization for emerging IoT applications;
- Intelligent resource management and task scheduling;
- DNN-based application partitioning in IoTs;
- IoT applications based on cloud-edge-end computing paradigms;
- Caching assisted application outsourcing and task offloading in IoTs;
- Volunteer computing related technologies for vehicular edge computing;
- 5G beyond networks for Internet of Vehicles.

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Special Issue

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Message from the Editor-in-Chief

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