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AI Applications in IoT and Mobile Wireless Networks

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Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editors

Dear Colleagues,

Machine-generated data expansion has become a global phenomenon in recent Internet services. The proliferation of mobile communication and smart devices has increased the utilization of machine-generated data significantly. With recent innovative network and chip technology, IoT devices are becoming smarter in terms of high computing power, bandwidth, and storage availability. This Special Issue focuses on the analysis, design, and implementation of AI-powered IoT solutions over mobile networks.

Topics of interest include but are not limited to the following:

- On-device machine learning;
- Federated learning;
- Decentralized applications;
- AI for 5G mobile network;
- Real-time computer processing on cognition;
- AI for edge computing;
- Low-power AI for IoT systems;
- Distributed inferencing and learning;
- AI powered security;
- Blockchain for IoT and mobile devices.

Prof. Dr. Jae-Hoon Kim
Prof. Dr. Myung-Ki Shin
Guest Editor

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Message from the Editor-in-Chief

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