# Special Issue

# AI Applications in IoT and Mobile Wireless Networks

## Message from the Guest Editors

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.

## Guest Editors

Prof. Dr. Jae-Hoon Kim

1. Dept. of AI Convergence Nework, Ajou University, Suwon, Korea
2. Dept. of Industrial Engineering, Ajou University, Suwon 16499, Korea

Prof. Dr. Myung-Ki Shin

Standards & Open Source Research Division, Intelligent Convergence Laboratory, Electronics and Telecommunications Research Institute, Daejeon 34129, Korea

## Deadline for manuscript submissions

closed (30 November 2020)

## Electronics

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# About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

### Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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