



## Artificial Intelligence for IoT Systems

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### Message from the Guest Editors

Dear Colleagues,

The Internet of Things (IoT) encompasses a network of interconnected physical objects, devices, and sensors that gather and exchange data through the internet. It has achieved great success across various industries and in everyday life. The application of AI in these systems is essential for processing and acting on the vast data generated by IoT devices, enabling real-time insights, automation, and personalized experiences to ultimately maximize their potential applications. However, existing AI for IoT faces limitations in terms of computational resources, energy efficiency, security vulnerabilities, and the ability to handle real-time data processing at scale.

This Special Issue aims to bring together researchers in these fields and address new challenges in AI for IoT networks. Research areas may include (but are not limited to) the following:

- Artificial intelligence;
- Internet of Things;
- Edge computing/intelligence;
- Artificial Intelligence of Things (AIoT);
- Deep learning;
- Deep reinforcement learning;
- Federated learning;
- Data collection and data mining;
- Resource management;
- IoT security/privacy.





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## Message from the Editor-in-Chief

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