Embedded Devices in IoT

Guest Editor:

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Message from the Guest Editor

In this Special Issue, we focus on embedded device usage in IoT. General topics covered in this Special Issue include, but are not limited to the following:

- New sensor/actuator design for IoT
- Wireless sensor network design and implementation for IoT systems
- Microcontroller design and performance analysis within IoT applications
- Application-specific hardware designs (e.g., FPGA-based implementations) for IoT
- Hardware–software co-design for IoT systems and applications
- Real-time data analytics using embedded devices
- Efficient and accurate machine learning usage with embedded devices
- Edge computing using embedded devices
- Novel security and privacy methods leveraging embedded device hardware and/or software
- Embedded system design addressing one or more of the following IoT issues: energy-efficiency, resiliency, scalability, longevity, cost, device heterogeneity, and standardization
- Emerging IoT applications using new generation embedded devices

Welcome to contribute!

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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