Special Issue

Advances in Internet of Things Sensors

Message from the Guest Editors

Connecting billions of devices, the Internet of Things (IoT) has brought us into a new era of ubiquitous computing, sensing, and communication. While a great number of distributed IoT sensors demonstrate great potential in a variety of applications, generating sustainable power supply for these sensors is the challenge.This Special Issue aims to highlight the advances in cutting-edge technologies that may enable battery-free IoT sensors and systems in the future. Original and review articles discussing the latest research into battery-free IoT sensors are welcome. The focus of this Special Issue includes, but is not limited to, the following areas:• Energy harvesting systems for IoT sensors;• Theoretical modeling of energy harvesting systems;• Low-power and efficient interfaces or power management circuits;• Novel IoT sensors for battery-free IoT systems;• Wireless-sensor networks;• Intelligence algorithms for IoT applications;• Low-power computing and communication methods for IoT systems;

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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

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