Special Issue

Embedded Systems for the New Generation of IoT Sensors

Message from the Guest Editor

The growing developments in microcontrollers, the proliferation of compact digital sensors, and the advances in wireless technology have triggered research towards a new generation of powerful, yet low-power, IoT embedded devices at the network edge.This Special Issue of Sensors is dedicated to original research and recent developments on embedded systems for the next generation of IoT smart devices (IoT sensors).Topics related to this Special Issue of Sensors include but are not limited to:Sensor networks and the IoTNovel sensor approaches for the IoTHardware-accelerated solutions for IoT devicesSafety, security and reliability mechanisms for embedded microcontrollersEmbedded operating systems for the IoTEmbedded intelligence (tinyML)Emerging IoT applications with next-generation embedded devicesFor more information on the issue, please access the website at: https://www.mdpi.com/si/88028

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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