

## 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 IoT  
Novel sensor approaches for the IoT  
Hardware-accelerated solutions for IoT devices  
Safety, security and reliability mechanisms for embedded microcontrollers  
Embedded operating systems for the IoT  
Embedded intelligence (tinyML)  
Emerging IoT applications with next-generation embedded devices

For more information on the issue, please access the website at:

<https://www.mdpi.com/si/88028>

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### Guest Editor

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### Deadline for manuscript submissions

closed (1 March 2022)



## Sensors

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## About the Journal

### 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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