

## Special Issue

# Advanced Resonant Sensors and Signal Processing Techniques for IoT-Enabled Applications

### Message from the Guest Editors

Nowadays, resonant sensors based on Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) devices are key components in several telecommunication systems and Internet of Things (IoT) applications. The aim of this Special Issue is to publish high-quality research papers as well as review articles addressing recent advances on IoT applications based on resonant devices and sensors and, at the same time, to provide an opportunity for researchers to publish their latest research and developments in this context, including design, modeling, characterization, and signal processing techniques for resonant devices. Topics of interest include but are not limited to:

- Signal processing and machine learning techniques applied to resonant sensors
- Resonant devices for wireless communications transceivers and telecommunication applications
- Health care applications based on resonant sensors
- Resonant sensors for industrial and automotive applications
- Development and characterization of resonant sensors
- Design and modeling of resonant devices for IoT applications

[https://www.mdpi.com/journal/sensors/special\\_issues/advanced\\_resonant\\_sensors](https://www.mdpi.com/journal/sensors/special_issues/advanced_resonant_sensors)

### Guest Editors

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Prof. Dr. Nicola Donato

Prof. Dr. Giovanni Crupi

### Deadline for manuscript submissions

closed (31 December 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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### Editor-in-Chief

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