

## Special Issue

# Advances in Magnetic Sensors and Their Applications

### Message from the Guest Editors

Advancements in the design and applications of magnetic sensors are at the forefront of many disciplines, ranging from physics to medicine. Magnetic sensors are also very prominent, being present in diverse technological fields, from atomic physics to space applications.

The aim of this Special Issue is to provide a forum for colleagues to publish their recent research, development, and innovation results related to advances in magnetic sensors and their applications. These include topics such as the following:

- Fundamental concepts and techniques of magnetic sensing;
- Magnetic sensors for big science subsystems
- Bio-electromagnetic sensing;
- Industrial magnetic sensing;
- Sensing of magnetic material behaviours;
- Electromagnetic device applications;
- Magnetic sensor interfaces with instrumentation;
- Sensing and magnetic standards;
- Modelling, measurement, characterisation, and calibration of magnetic sensors

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### Deadline for manuscript submissions

closed (20 March 2025)



## 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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