

Special Issue

Advanced Magnetic Sensors and Their Applications

Message from the Guest Editors

The purpose of this Special Issue is to provide an updated overview on the development of advanced magnetic sensors and their applications. Both original research articles and reviews are encouraged. The particular topics of interest include, but are not limited to:

- Giant magneto-resistance (GMR) sensors
- Giant magneto-impedence (GMI) sensors
- Optical pumped magnetometers
- Micro and nano SQUIDS
- Magnetic sensing with a nitrogen-vacancy in diamond
- Ultrahigh sensitive superconducting magnetometers
- Magnetostrictive sensors
- Magnetoencephalography
- Nanomagnetism
- Spintronics
- Nondestructive evaluation (NDE)
- Susceptometry
- High spatial resolution magnetic microscopy
- Magnetic relaxation immunoassay
- Low field nuclear magnetic resonance

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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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