

Special Issue

Magnetic Sensing Technology, Materials and Applications

Message from the Guest Editors

Magnetic sensors and actuators have recently attracted great attention from academia and industry due to numerous exciting applications including the electronic surveillance, electrical engineering, medicine, informatics, magnetic recording, construction monitoring, automobile and aircraft industries, among others. Recent trends in magnetic sensorics are focused on miniaturization, the improvement of features and finding new operating principles based on fundamental studies of new materials and phenomena. This Special Issue will focus on the last developments, latest research findings, ideas for highly sensitive magnetic devices and applications, magnetic sensing technology, on basic phenomena and fundamental aspects of magnetic materials suitable for magnetic sensors, actuators and applications as well as on wireless non-destructive control and monitoring, wearable electronics and medicine involving magnetic sensorics. Both reviews and original research papers will be considered. Reviews should provide an up-to-date, well-balanced overview of the current state-of-the-art of a particular application and include the main results from other groups.

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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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