

Special Issue

Magnetic Sensors for Safety and Control

Message from the Guest Editor

This Special Issue is dedicated to the integration of MR sensors for control and security applications (not military). Applications such as magnetic information reading (recording media or security paper), selective labelling for biomedical, or magnetic sensors for non-destructive testing for surface defect detection, usually require a high degree of integration with electronics and data transfer towards a smart system product. Papers should address the wide range of options offered by MR sensors (TMR and GMR), including: security paper, object position sensing (including linear and rotational encoders), applications in surface mapping (magnetic cameras, non-destructive testing), integration with flexible electronics, information storage (tape and disk head magnetic information security), magnetic cryptography, smart packaging with RF-ID modules for security keys and integration with systems for biological control (environmental and food).

Guest Editor

Prof. Dr. Susana Cardoso De Freitas

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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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