

## Special Issue

# Developments in Electromagnetic Sensors

### Message from the Guest Editors

The rapid growth of electromagnetic sensor technologies has revolutionized numerous industries in recent years. These sensors enable us to detect, measure, and analyze various physical and chemical properties and phenomena. Their miniaturization and enhanced capabilities have made them integral components in applications ranging from self-driving cars and smart cities to healthcare devices and environmental monitoring. With advancements in materials, signal processing, and wireless connectivity, electromagnetic sensor technologies continue to evolve, offering unprecedented accuracy, efficiency, and versatility for a wide array of innovative solutions in our increasingly interconnected world. The aim of this Special Issue is to showcase the recent advancements in the development of electromagnetic sensors.

**Keywords:** electromagnetic sensors; sensors; non-destructive testing; embedded sensors; environmental monitoring; healthcare sensors; modelling; wireless connectivity; remote sensing This Special Issue directly contributes to the aim and scope of *Sensors* across several research areas.

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### Guest Editors

Prof. Dr. Patryk Kot

Dr. Magomed Muradov

Dr. Jakub Stefan Markiewicz

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### Deadline for manuscript submissions

closed (31 August 2024)



## Sensors

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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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### Editor-in-Chief

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