

## Special Issue

# Integrated Sensing and Communication: Wireless and Optical Communication Techniques and Applications

### Message from the Guest Editor

The research on integrated sensing and communications has drawn ever increasing attention in both academia and industry. Exploiting the sensing capability of electromagnetic waves, such as optical wireless signals, visible light signals, and radio frequency signals, the performance of communication and networking can be improved. On the other hand, more knowledge and better performance of sensing, positioning, target detection, and recognition can be achieved through properly designed wireless and/or optical communications. The integration of sensing and communications is becoming a hot trend towards next-generation information and communication networks, bringing lots of opportunities for new theories, technologies, and applications. Thus, this Special Issue is soliciting new research works and practical applications, as well as review surveys, in the area of cutting-edge techniques and applications of integrated sensing and communications (ISAC) using wireless and/or optical signals.

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### Guest Editor

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### Deadline for manuscript submissions

30 December 2025



## 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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