

## Special Issue

# Communication, Sensing and Localization in 6G Systems

### Message from the Guest Editor

In this rapidly evolving landscape, it is crucial to explore the challenges and opportunities associated with communication, sensing, and localization in 6G systems. This Special Issue aims to gather cutting-edge research, novel technologies, and innovative applications that drive the development of these essential components in the 6G ecosystem. We invite both original research papers and review articles that showcase the significant developments in these fields. Potential areas of interest include, but are not limited to, the following:

- 6G systems;
- Communication technologies;
- Sensing capabilities;
- Localization techniques;
- Ultra-wideband (UWB);
- MIMO;
- NOMA;
- Millimeter-wave communication;
- Terahertz communication;
- Real-time monitoring;
- Internet of Things;
- GNSS;
- Navigation;
- Integration of communication, sensing and navigation.

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### Guest Editor

Dr. Di He

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### Deadline for manuscript submissions

closed (31 July 2025)



## Sensors

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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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### Editor-in-Chief

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