

Special Issue

Integrated Localization and Communication: Advances and Challenges

Message from the Guest Editors

This Special Issue will deal with novel approaches, concepts, algorithms, and protocols for ILAC in 6G wireless networks. We are soliciting high-quality original research papers on topics including, but not limited to:

- Fundamental information, network architectures, and transmission protocols for ILAC;
- Key enabling technologies for ILAC;
- Location-assisted mmWave and THz communications;
- Massive MIMO, extremely large antenna array (ELAA), and reconfigurable intelligent surfaces (RISs) for ILAC;
- ILAC in vehicular-to-everything (V2X) networks and automotive radar;
- ILAC in aerial-ground networks;
- ILAC in (Industrial) Internet of Things (IIoT) networks;
- Advancements in algorithms and protocols for ILAC;
- Machine learning/AI-enhanced ILAC.

Guest Editors

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Prof. Dr. Ke Guan

Dr. Yang Miao

Prof. Dr. Gordana Gardasevic

Deadline for manuscript submissions

closed (25 April 2025)



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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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