

## 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 (I)IoT networks;
- Advancements in algorithms and protocols for ILAC;
- Machine learning/AI-enhanced ILAC.

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### Guest Editors

Dr. Andrej Hrovat

Prof. Dr. Ke Guan

Dr. Yang Miao

Prof. Dr. Gordana Gardasevic

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### Deadline for manuscript submissions

closed (25 April 2025)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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