

## Special Issue

# Positioning and Sensing Technologies for Ubiquitous Mobile Intelligence

### Message from the Guest Editors

Target positioning and sensing technologies are crucial in fields such as aerospace, autonomous driving, robotics, and environmental perception, where accurate, real-time detection and positioning of objects are vital. Recent advancements in positioning and sensing technologies—from high-precision devices (e.g., LiDAR, 5G/6G communication systems, intelligent reflecting surfaces) to the rich data they generate (e.g., high-resolution images, point clouds, wireless channel data)—along with enhanced computational capabilities (e.g., IoT-enabled edge computing, cloud-based AI), have resulted in the creation of massive and complex datasets. This Special Issue therefore aims to bring together original research and review articles on novel approaches, innovative solutions, and new challenges in the integration of positioning and sensing technologies with AI for positioning and sensing architectures. For more details, please visit [here](#).

### Guest Editors

Prof. Dr. Xiansheng Guo

Dr. Lin Li

Dr. Zixuan Huang

Dr. Gordon Boateng

### Deadline for manuscript submissions

25 May 2026



## 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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### 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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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