

## Special Issue

# Advancements in Wireless Localization: Enhancing Object Detection, Navigation and Communications

### Message from the Guest Editors

Wireless localization technology has emerged as pivotal tools in various applications, particularly in object detection and localization. Utilizing advanced algorithms and signal processing techniques, wireless localization systems determine the location of devices or objects within a wireless network. This Special Issue aims to explore the advancements, challenges, and applications of wireless localization technology in the realms of object detection and wireless localization. It is also delving into its role in enhancing wireless communications as well as the potential of breakthrough technologies such as joint sensing and communications to improve localization accuracy. For more details, please visit [here](#).

### Guest Editors

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### Deadline for manuscript submissions

closed (25 August 2025)



## Sensors

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