

## Special Issue

# Integrated Communication, Sensing and Localization in Next Generation of Communication Networks

### Message from the Guest Editors

The rapid advancement of wireless communication technologies has brought us to the brink of a new era. It becomes crucial to explore and understand the potential of integrated communication, sensing, and localization within these groundbreaking systems.

One of the key areas of focus in the next generation of communication networks is communication. It involves exploring advanced techniques such as MIMO (Multiple-Input Multiple-Output), millimeter-wave communication, and terahertz communication to enable efficient and reliable transmission.

Sensing capabilities in the next generation of communication networks will also play a pivotal role in enabling a vast range of applications and services.

These sensing capabilities can be harnessed for various domains, including smart cities, healthcare, agriculture, industrial automation, and more.

Localization, another critical aspect of next-generation communication networks, aims to provide accurate positioning and tracking of devices and users. Next-generation communication networks can offer precise location information, paving the way for location-based services, navigation systems, augmented reality, and beyond.

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### Guest Editors

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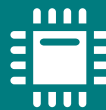
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### Deadline for manuscript submissions

30 June 2026



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