

## Special Issue

# Intelligent Signal Processing for Integrated Sensing and Communications towards 6G

### Message from the Guest Editors

This Special Issue will accept articles on topics regarding intelligent signal processing for 6G integrated sensing and communications, including, but not limited to, the following:

- Advanced signal processing algorithms for 6G networks;
- Machine learning and AI for signal processing in 6G;
- Integrated sensing and communication (ISAC) system design;
- Reconfigurable intelligent surface (RIS)-assisted ISAC;
- Integrated sensing and backscatter communications;
- Real-time signal processing for high-speed communications;
- Signal processing for massive MIMO and beamforming;
- Intelligent resource allocation and management;
- Signal processing techniques for terahertz (THz) and millimeter-wave (mmWave) communications;
- Joint sensing and communication signal processing;
- Security and privacy in signal processing for 6G;
- Energy-efficient signal processing for 6G networks

### Guest Editors

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### Deadline for manuscript submissions

15 November 2025



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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