

## Special Issue

# Intelligent Signal Processing and Its Applications

### Message from the Guest Editors

This Special Issue explores the latest trends in intelligent signal processing and its applications, covering new signal processing algorithms, innovative application scenarios, and novel datasets. Prospective authors are invited to submit high-quality original research papers and comprehensive reviews to this Special Issue, with topics of interest including, but not limited to, the following:

- Signal processing algorithms based on deep learning;
- Adaptive signal processing techniques for complex environments;
- Intelligent signal processing in communication systems;
- Signal processing applications in healthcare;
- Signal processing for the industrial Internet of Things (IIoT);
- New representation and feature extraction methods for signals.

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### Guest Editors

Prof. Dr. Shuai Li

Dr. Chuankun Li

Dr. Jian Li

Dr. Yanbo Gao

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### Deadline for manuscript submissions

15 January 2026



## 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

Prof. Dr. Flavio Canavero

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