

Special Issue

Applications of Audio and Acoustic Signal

Message from the Guest Editor

This Special Issue intends to present original contributions describing advances in applications involving audio and acoustic signals, with an emphasis on recent technology trends. The Special Issue welcomes research papers in the field covering innovative approaches, new improvements, and novel applications. Topics of interest include but not limited to:

- Microphone array applications
- Spatial and statistical blind source separation
- Speech signal applications
- Acoustic signal enhancement and audio restoration
- Machine learning audio-based applications
- Detection and classification of acoustic scenes and events
- Autonomous system and robot audition applications
- Music analysis and information retrieval
- Bioacoustics
- Audio security

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



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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 guestedited by leading experts in selected topics of interest.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).