

Special Issue

Advanced Signal Processing Technologies: Integrating AI, Future Communications, and Innovative Applications

Message from the Guest Editors

We are pleased to announce the upcoming Special Issue, "Advanced Signal Processing Technologies: Integrating AI, Future Communications, and Innovative Applications", organized in conjunction with the 17th International Conference on Signal Processing Systems (ICSPS 2025). This Special Issue aims to bring together cutting-edge research and innovative contributions from scholars, researchers, and practitioners in the field of signal processing. The Issue will focus on recent advancements, emerging trends, and novel methodologies in signal processing, including but not limited to, the following topics:

- Core and fundamental signal processing theories
- Application-specific signal processing
- Communication systems signal processing
- AI and machine learning for signal processing

We invite submissions of original research articles and comprehensive reviews that demonstrate significant theoretical and practical contributions to the field. This Special Issue will provide a platform for disseminating high-quality research and fostering collaborations among academics and industry experts. We look forward to your valuable contributions.

Guest Editors

Dr. Xiao-Rong Ding

Prof. Dr. Ying-Ren Chien

Dr. Pavel Loskot

Deadline for manuscript submissions

30 April 2026



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About the Journal

Message from the Editor-in-Chief

Our primary goal is to encourage scientists and engineers to publish their theoretical results and developed methods in as much detail as possible. There is no limit to the maximum length of papers. Whenever possible, authors are encouraged to provide relevant data and developed code so that the results can be reproduced. Our goal is to provide a platform for scientists and engineers to share new approaches to signal processing in various application domains.

Editor-in-Chief

Prof. Dr. Santiago Marco

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