





an Open Access Journal by MDPI

Al in Signal and Image Processing

Guest Editors:

Dr. Haijian Zhang

School of Electronic Information, Wuhan University, Wuhan 430072, China

Dr. Xing Tang

School of Computer Science and Artificial Intelligence, Wuhan University of Technology, Wuhan 430070, China

Dr. Jinsheng Xiao

School of Electronic Information, Wuhan University, Wuhan 430072, China

Deadline for manuscript submissions:

15 December 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue, entitled "AI in Signal and Image Processing", is dedicated to exploring the intersection of artificial intelligence (AI) techniques and signal/image processing methods. Its aim is to offer a platform for researchers and practitioners to showcase their most recent findings, methodologies, and innovations. By gathering contributions from experts in the field of Aldriven signal and image processing, this Special Issue strives to advance state-of-the-art research, foster interdisciplinary collaborations, address key challenges, and bridge the gap between theoretical research and practical applications bv highlighting real-world implementations and experiments.

This Special Issue scope may encompass a broad array of topics, including, but not limited to, the following:

- 1. Al-based signal processing algorithms
- 2. Image processing and computer vision
- 3. Pattern recognition and classification
- 4. Al-enabled signal/image enhancement
- 5. Applications of AI in signal/image processing











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science),

CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and Systems

Engineering)

Contact Us