

Special Issue

Artificial Intelligence in Image Reconstruction

Message from the Guest Editors

Artificial Intelligence (AI) in Image Processing for the reconstruction of images is a highly promising area of research. The reconstruction of an image from the acquired data is an inverse problem which is often not possible to solve directly. The convergence of AI in this field can overcome certain challenges and can also increase the accuracy of the algorithms. Image reconstruction can be applied in many situations, including but not limited to, 3D shape reconstruction, texture analysis, medical imaging, and robotics. The topics of interest in this Special Issue include, but are not limited to:

- X-ray CT image reconstruction
- MRI image reconstruction
- Medical diagnosis support systems
- Texture Analysis
- 3D Depth/Shape Recovery
- Robot Navigation Systems
- Autonomous Vehicle Navigation Systems
- Biometric and Security systems

You are welcome to contribute!!!

Guest Editors

Dr. Mannan Muhammad

Dr. Hoon-Seok Jang

Dr. Waqas ur Rahman

Prof. Dr. Hyunjin Park

Deadline for manuscript submissions

closed (1 May 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



mdpi.com/si/99698

Electronics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and
Systems Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.4 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the second half of 2024).