

Special Issue

Real-Time Visual Information Processing in Human-Computer Interface

Message from the Guest Editors

Recently, as interest in the Metaverse and its interface has increased worldwide, in order for users to not feel the delay in the system, the prerequisite for these interfaces is to be able to operate in real time. In addition, these interfaces should be efficient and natural enough to resemble interactions occurring in the real world if possible. With the development of deep learning, various computer vision technologies have come to accurately recognize human behavior and poses of humans through cameras. This has made it possible to use human behavior as a tool for human-computer interfaces (HCIs) by simple devices. The goal of this Special Issue is to highlight and invite state-of-the-art research papers related to real-time human-computer interfaces. Topics include but are not limited to:

- Computer graphics techniques for HCI;
- Artificial intelligence techniques for HCI;
- Computer vision techniques for HCI;
- Visualization techniques for HCI;
- Design techniques for HCI;
- Interactive art with HCI.

Guest Editors

Prof. Dr. Sukho Lee

Division of Computer Engineering, Dongseo University, Busan 47011, Republic of Korea

Prof. Dr. Byung Gook Lee

Division of Computer Engineering, Dongseo University, Busan 47011, Korea

Deadline for manuscript submissions

closed (30 March 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/115784

Electronics
Editorial Office
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 6.1



[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 guestedited 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 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic 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 2.6
days (median values for papers published in this journal in
the second half of 2025).