

Special Issue

Virtual Reality and Scientific Visualization

Message from the Guest Editors

In recent years, the availability of innovative, powerful, and low-cost immersive devices, accompanied by the availability of increasingly high-performing computers and smartphones, has generated a growing interest in virtual reality (VR) and augmented reality technologies. The Special Issue is focused on (but not limited to) the following themes:

- VR systems;
- VR tools and toolkits;
- Virtual, augmented, and mixed reality;
- VR languages;
- Advances on game engines;
- Immersive VR devices;
- VR-based scientific visualization;
- Multi-user and distributed VR and games;
- Immersive learning;
- Molecular VR techniques;
- Virtual classes and practice;
- Virtual laboratories;
- VR applied to cultural heritage;
- VR applied to medicine and surgery;
- VR systems for telecare and disabilities treatments;
- Advances in scientific visualization;
- VR UI/UX;
- VR Reduce sickness;
- VR Contents;
- VR system Developer Training.

Guest Editors

Dr. Osvaldo Gervasi

Department of Mathematics and Computer Science, University of Perugia, 06123 Perugia, Italy

Dr. JungYoon Kim

Department of Game Media, College of Future Industry, Gachon University, Seongnam-si 13120, Gyeonggi-do, Republic of Korea

Deadline for manuscript submissions

closed (31 December 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/37630

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 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 (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 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).