Applications of Computer Vision in Interactive Environments

Guest Editor:

Dr. Xenophon Zabulis
Institute of Computer Science, Heraklion, Crete, Greece

Deadline for manuscript submissions:
closed (30 April 2023)

Message from the Guest Editor

For this Special Issue, we welcome the submission of original research papers and reviews addressing any aspects of the applications of computer vision in interactive environments. Topics of interest include, but are not limited to, the following:

- 3D reconstruction, localization, and pose estimation of objects;
- Motion estimation of rigid or articulated objects and persons;
- Detection, recognition, and reidentification of persons or objects;
- Detection and localization of gestures and haptic activity;
- Applications of computer vision in interactive environments, i.e., augmented or mixed reality;
- Applications of computer vision in educational and training environments and in systems that interact with the physical environment, such as in robotic control, human–robot collaboration, and human–robot interaction;
- Interaction paradigms for novel user interface metaphors empowered by computer vision capabilities;
- New methods for detecting and semantically representing and understanding human activities.

mdpi.com/si/73198

Special Issue

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, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us