

Special Issue

Applications of Computer Vision in Interactive Environments

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.

Guest Editor

Dr. Xenophon Zabulis

Foundation for Research and Technology Hellas, 70013 Heraklion, Greece

Deadline for manuscript submissions

closed (30 April 2023)



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Electronics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

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