Special Issue

Computer Vision and Machine Learning in Human-Computer Interaction

Message from the Guest Editor

In this Special Issue, we are particularly interested in system architecture and computational techniques, applied for the purpose of human-computer interactions, that are benefiting from modern vision sensors and cameras. Topics of interest include but are not limited to the following:

- Human-machine interfaces;
- Human assistance;
- Imaging sensors;
- RGB-D cameras;
- Image data collection and annotation;
- Human pose detection;
- Human gesture recognition;
- Eye tracking;
- Face emotion recognition;
- Sign and body language recognition;
- Vision-based human-computer interactions (VHCI).
- Signal processing and pattern recognition in VHCI
- Deep learning techniques in VHCI
- Computational paradigms and system architectures for smart VHCI
- Hardware and software of smart VHCI
- Prototypes and demonstrators of smart VHCI
- Applications of smart VHCI

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)

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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.

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