Computer Vision and Machine Learning in Human-Computer Interaction

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closed (30 June 2021)

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

Special Issue

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Message from the Editor-in-Chief

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