Real-World Applications and Techniques of Computer Vision in Behavioral Signal Sensing

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Deadline for manuscript
submissions:
closed (20 September 2022)

Message from the Guest Editors

We are delighted to announce and invite you to submit your papers for the Special Issue "Real-World Applications and Techniques of Computer Vision in Behavioral Signal Sensing".

More   details:
https://www.mdpi.com/journal/applsci/special_issues/vision_beh

Topics of interest for this Special Issue include but are not limited to:

- Action/activity recognition and detection;
- Cognitive models for interpretation;
- Deep learning for visual understanding;
- Supervised, semi-supervised, and unsupervised learning methods to analyze human behavior;
- Face and gesture recognition;
- Analysis of human behavior to understand physiological**/**cognitive disorders;

Analysis of interactive behavior, from human-human, human-object, and human-computer to human-robot interactions;

- Multimodal behavior understanding, using different sensory input, e.g., audio, wearables;
- Video surveillance and event detection;
- Analysis of social impact of human behavior;
- Datasets and applications in healthcare, education, etc

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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