



Deep Learning Applications for Pose Estimation and Human Action Recognition

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Deadline for manuscript
submissions:

20 October 2024

Message from the Guest Editors

This Special Issue aims to gather a significant collection of original contributions to these topics. Accurate estimation of vehicles and humans pose is crucial for several applications, e.g., animal behavior research, gaming and virtual reality, medicine and biotechnology, pedestrian, aerial and maritime navigation, robotics, and human motion tracking. Furthermore, effective human pose and action recognition offers an important contribution in many fields, such as physical therapists' diagnoses and patient rehabilitation, as well as security and surveillance or employee-free store development.

The relevant topics of this issue include but are not limited to the following:

- Single and multihuman pose estimation, action recognition, and tracking;
- Terrestrial, maritime, aerial robot pose estimation, and tracking;
- Literature reviews and surveys;
- Datasets and sensors;
- Interesting applications and ideas focusing on surveillance, autonomous navigation, human-robot interaction, healthcare and sports, etc.





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Message from the Editor-in-Chief

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