

Special Issue

Deep Learning Applications for Pose Estimation and Human Action Recognition

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.

Guest Editors

Dr. Paolo Russo

Dr. Fabiana Di Ciaccio

Dr. Irene Amerini

Deadline for manuscript submissions

closed (20 October 2024)



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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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