



## Deep Learning Applications for Pose Estimation and Human Action Recognition

Guest Editors:

**Dr. Paolo Russo**

Department of Computer,  
Control and Management  
Engineering, Sapienza University  
of Rome, Via Ariosto 25, 00185  
Rome, Italy

**Dr. Fabiana Di Ciaccio**

Department of Civil and  
Environmental Engineering,  
University of Florence, Via S.  
Marta 3, 50139 Florence, Italy

**Dr. Irene Amerini**

Department of Computer,  
Control, and Management  
Engineering A. Ruberti, Sapienza  
University of Rome, 00185 Rome,  
Italy

Deadline for manuscript  
submissions:

**closed (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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## Editor-in-Chief

### **Prof. Dr. Vittorio M. N. Passaro**

Department of Electrical and  
Information Engineering,  
Politecnico di Bari, Via Orabona  
4, 70126 Bari, Italy

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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
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