



Three-Dimensional Machine Vision for Robots: Human Activity and Scene Understanding

Guest Editors:

Prof. Dr. Liang Zhang

Embedded Technology and
Visual Processing Research
Center, School of Computer
Science and Technology, Xidian
University, Xi'an 710071, China

Dr. Guangming Zhu

Embedded Technology and
Visual Processing Research
Center, School of Computer
Science and Technology, Xidian
University, Xi'an 710071, China

Deadline for manuscript
submissions:

15 June 2024

Message from the Guest Editors

This Special Issue seeks original contributions that help advance the theory and algorithmic design of vision transformers and graph models, and focus on presenting state-of-the-art vision transformers and graph models based on human activity understanding techniques that are developed for solving important problems in 3D robot action/activity recognition, understanding, prediction, and so on.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Human–object interaction recognition;
- Graph models;
- Action recognition;
- Graph neural networks;
- Action predictions;
- Two-/Three-dimensional scene understanding;
- Two-/Three-dimensional object recognition.





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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, St. Alban-Anlage 66
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