



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

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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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Message from the Editor-in-Chief

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