

Special Issue

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

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.

Guest Editors

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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