

## Special Issue

# Recent Advanced Applications of Virtual Reality and AI-Driven Human Activity Recognition

### Message from the Guest Editors

Artificial intelligence and virtual reality provide powerful frameworks for the analysis, recognition, and interpretation of human activities by using advanced algorithms and immersive environments to gain deeper insights into health, well-being, education, sports, and entertainment. In order to promote the latest achievements, progress, algorithms, application practices, and other aspects of VR and AI in the field of human activity recognition, we invite prospective authors to contribute to this Special Issue. Original research articles on technological and application-oriented aspects of this field, as well as reviews, are welcome. These research areas may include (but need not be limited to) the following:

- Deep learning for human activity recognition;
- AI processing in virtual environments;
- AI and sensor data fusion;
- Immersive technologies;
- Intelligent VR systems;
- Intelligent activity tracking;
- Sensor modalities integration;
- Performance metric;
- Dataset labelling strategies;
- IoT and VR platforms for HAR;
- Applications of HAR for understanding behaviour.

We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

15 August 2025



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

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