

## Special Issue

# Advanced Scene Understanding Methods and Applications in Multi-Modal Data

### Message from the Guest Editors

This special session “Advanced Scene Understanding Methods and Applications in Multi-Modal Data” aims to provide a platform for researchers to share the latest advances in multimodal model theories, methodologies, and applications. We also cordially invite submissions exploring the potential of multimodal data in enhancing the diversity and inclusivity of scene-understanding.

Visual, LiDAR, and radar perception 2D/3D object detection and 2D/3D object tracking;

Remote-sensing-related tasks;

Temporal series data prediction/classification;

Domain adaption for

classification/detection/segmentation;

Scene parsing, semantic segmentation, instance segmentation, and panoptic segmentation;

Human-centric visual understanding, human-human/object interaction and understanding, human activity understanding, and human intention modeling;

Person re-identification, pose estimation, and part-parsing;

New benchmark datasets and survey papers related to these topics.

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### Guest Editors

Dr. Xiankai Lu

Dr. Yiyao Guo

Dr. Jinsheng Ji

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### Deadline for manuscript submissions

15 August 2026



## 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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