Special Issue

Multimodal Information-Assisted Visual Recognition or Generation

Message from the Guest Editors

Multimodal information has been widely applied in various real-world computer vision applications, such as human–computer interaction, healthcare (including disease diagnosis), autonomous vehicles, and emotion recognition, and trending techniques have been successfully applied to solve these problems. This Special Issue aims to collect cutting-edge research at the intersection of computer science and multimodal information processing, and explores advancements in visual recognition and generation. From large-model-guided vision interpretation to diffusion-model-based image and video generation, we aim to leverage cutting-edge technologies to address the challenges present in these research fields.

Guest Editors

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Prof. Dr. Weishan Zhang

Deadline for manuscript submissions

31 October 2025

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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