
Special Issue on

Computer Vision and Intelligent Applications

Call for Papers

Computer Vision and Intelligent Applications is an interdisciplinary academic field that focuses on enabling computers to perceive, interpret and understand visual information using artificial intelligence and advanced computational techniques. It integrates computer vision, machine learning, deep learning and image analysis to develop intelligent systems for object recognition, scene understanding, autonomous decision-making and visual analytics. The field supports diverse applications in healthcare, robotics, autonomous vehicles, smart manufacturing, security, agriculture and environmental monitoring.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Computer Vision and Intelligent Applications**. Potential topics include, but are not limited to:

- Image and vision computing
- Image recognition and classification
- Object detection and image segmentation
- Computer vision and pattern recognition
- Deep learning for computer vision
- Vision for augmented, virtual and mixed reality
- Embodied vision and vision-for-interactive agents
- Self-supervised and unsupervised visual representation learning
- Vision-language models and grounded multimodal reasoning
- Video analysis and intelligent surveillance
- Edge vision and AI-powered intelligent applications
- Face and biometric recognition
- 3D computer vision and scene reconstruction
- Medical image analysis
- Machine vision
- Autonomous systems and robotics vision
- Intelligent visual analytics and human-computer interaction
- Remote sensing and smart environmental monitoring
- Autonomous driving and intelligent transportation



Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Computer Vision and Intelligent Applications**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	October 31st, 2026
Publication Date	December 2026

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

JCC Editorial Office