Special Issue on Computer Vision and Pattern Recognition

Call for Papers

Computer Vision and Pattern Recognition is an academic topic that explores the intersection of computer science and artificial intelligence. It involves developing techniques and algorithms that enable computers to interpret and understand visual information, such as images and videos. This field focuses on tasks like object recognition, image segmentation, and motion tracking, with applications in various areas including security, robotics, and medical imaging. By extracting meaningful patterns from visual data, computer vision systems help machines perceive and interact with the world more effectively.

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

- Image and vision computing
- Image classification
- Object detection
- Semantic segmentation
- Motion analysis and tracking
- Face recognition and analysis
- Action recognition
- Event detection and understanding
- Visual learning and representation
- Robot vision and machine vision
- Vision and language intelligence
- Pattern recognition and augmented vision
- Medical imaging and analysis
- Computer vision and image analysis for industry 4.0
- Vision-based intelligent systems

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 Pattern Recognition***" should be chosen during your submission.

According to the following timetable:

Submission Deadline	July 22nd, 2024
Publication Date	September 2024

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

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