



Deep Learning for Computer Vision

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Message from the Guest Editors

Dear Colleagues,

Deep learning has achieved significant successes in many areas of application, such as object recognition, recommender systems and natural language processing. Due to the vast amount of images and videos available on the Internet, deep learning technologies are also adopted in many computer-vision tasks such as image generation and enhancement, as well as in object detection and tracking, and greatly improve the development of the computer-vision area.

This Special Issue aims to provide an academic platform to publish high-quality research papers on deep learning methods and their applications to computer vision, including (but not limited to) extended versions of the outstanding SDAI2022 (<https://www.sdaai.org.cn/sdai2022>) papers.

Potential topics of interest for this Special Issue include:

- Deep learning theory.
- Deep learning algorithms.
- Neural architecture search.
- Generative neural networks.
- Deep reinforcement learning.
- Object recognition.
- Object detection.
- Object tracking.
- Other deep learning applications for computer vision.
- Image generation.
- Super-resolution.





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Message from the Editor-in-Chief

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