Special Issue

Deep Learning for Computer Vision

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Xiushan Nie

Prof. Dr. Guoqiang Zhong

Dr. Yongshun Gong

Prof. Dr. Bin Fan

Dr. Xin Li

Deadline for manuscript submissions

closed (15 August 2023)

Electronics

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.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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