



Deep Learning Architectures for Computer Vision

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Deadline for manuscript
submissions:

closed (20 September 2023)

Message from the Guest Editor

The goal of this Special Issue is to highlight the latest developments in the broader area of deep learning focusing on computer vision applications that are based on deep learning neural network architectures such as convolutional neural networks (CNNs), recurrent neural networks (RNNs), generative adversarial networks (GANs) etc.

Topics of interest to this Special Issue include but are not limited to:

- Scene understanding;
- 3D visual perception;
- Human analysis and modeling;
- Feature learning and representation;
- Image/video understanding;
- Video summarization;
- Remote sensing image analysis;
- Object detection and tracking;
- Image processing;
- Image segmentation;
- Medical image/video analysis;
- Affective computing;
- Industrial applications.





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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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