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Deep Learning for Computer Vision and Image Processing Sensors

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Deadline for manuscript
submissions:

20 July 2024

Message from the Guest Editors

This Special Issue aims to bring together recent research advances in the field of deep learning for image-related tasks. The goal is to highlight the most innovative and impactful works that leverage deep learning algorithms to analyze and understand images captured by various sensors, including cameras, depth sensors, and other synthetic imaging devices. This issue aims to showcase the potentials of deep learning in computer-vision-based inspection, measurement, and image processing, including new techniques for visible and infrared image classification, object detection, segmentation, and static and deformable object tracking. Additionally, this Special Issue also aims to explore the challenges and opportunities in the integration of deep learning and image sensors for various applications, such as robotics, smart devices, and optical instruments.



mdpi.com/si/161182

Special Issue



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Message from the Editor-in-Chief

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