

## Special Issue

# Deep Learning for Computer Vision and Image Processing Sensors

### 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.

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### Deadline for manuscript submissions

closed (20 July 2024)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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