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## Deep Learning for Computer Vision and Image Processing Sensors

Guest Editors:

**Prof. Dr. Dongsheng Zhang**

School of Mechanics and Engineering Science, Shanghai University, Shanghai 200444, China

**Dr. Zhilong Su**

Shanghai Key Laboratory of Mechanics in Energy Engineering, School of Mechanics and Engineering Science, Shanghai University, Shanghai, China

Deadline for manuscript submissions:

**closed (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.



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**Special** Issue



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Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
Information Engineering),  
Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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