

## Special Issue

# Deep Learning-Based Image and Signal Sensing and Processing

### Message from the Guest Editors

Deep learning is very effective in signal sensing, computer vision, and object recognition. Many of the advanced sensing image and signal processing algorithms proposed in recent years are related to it. Deep learning is a critical technique in image sensing and signal sensing. In image processing, deep learning techniques have been widely applied in object detection, object recognition, object tracking, image denoising, image quality improvement, and medical image analysis. In signal processing, deep learning techniques can be applied to speech recognition, musical signal recognition, source separation, signal quality improvement, ECG and EEG signal analysis, and medical signal processing. Therefore, deep learning techniques are important for both academic research and product design. In this special session, we encourage the authors to submit the manuscripts that are related to the algorithms, architectures, solutions, and applications adopting deep learning techniques.

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### Guest Editors

Prof. Dr. Jian-Jiun Ding

Prof. Dr. Feng-Tsun Chien

Dr. Chih-Chang Yu

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### Deadline for manuscript submissions

closed (30 June 2024)



## Sensors

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*Sensors*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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

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