



## Deep Vision Algorithms and Applications

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Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to contribute on the topic of intelligent vision systems and their various applications.

This Special Issue aims to publish scientific papers on various big vision data analysis and vision data-based artificial intelligence technologies. The scope includes various topics from visual feature extraction, visual pattern recognition, deep learning structure, and learning methods to the results of their application in various fields.

For this Special Issue, both original research articles and reviews are welcome. Specific areas of research interest include (but are not limited to) the following:

- Big vision data analysis
- Vision data mining and pattern recognition
- Visual feature extraction
- Intelligent vision systems
- Deep learning structures and optimization mechanisms
- Lightweight deep vision structures
- Various applications of deep vision schemes
- Novel data fusion schemes with vision data
- Vision sensor network and distributed processing
- Deep neural networks for multimedia data processing
- Human-centric vision systems and technologies





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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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