# Application of Artificial Intelligence in Visual Signal Processing

Guest Editors:

**Dr. Zhaoqiang Xia**
School of Electronics and Information, Northwestern Polytechnical University, Xi'an 710072, China

**Dr. Haixi Zhang**
College of Information Engineering, Northwest A&F University, Xianyang 712100, China

**Dr. Jun Wu**
School of Electronic and Information Engineering, Anhui University, Hefei 230601, China

Deadline for manuscript submissions:
**closed (30 June 2023)**

## Message from the Guest Editors

We are pleased to invite you to submit a paper to the Special Issue titled "Application of Artificial Intelligence in Visual Signal Processing" devoted to *Applied Sciences*. This Special Issue aims to collect the latest full-length research and reviews in the areas of visual signal processing and artificial intelligence. In particular, this Special Issue focuses on the intelligent processing, analysis, and recognition with images, videos, or multimedia signals with deep learning, adversarial learning, and other approaches that have recently been gaining attention.

Topics of interest include but are not limited to the following:

- General visual signal processing and analysis;
- Machine learning approaches for visual signal;
- Multimedia signal processing, analysis, and searching;
- Visual signal processing techniques for varous fields, such as agriculture, medicine, biology, and other science domains;
- Applications on various sensors and platforms such as vehicles and robotics with visual signal processing techniques.

Special Issue

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.
**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

## Contact Us