



Signal, Image and Video Processing

Guest Editor:

Prof. Changhoon Yim

Department of Computer Science
and Engineering, Konkuk
University, Seoul 05029, Korea

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editor

Dear Colleagues,

An objective of this Special Issue is to present innovative developments of various aspects of signal, image, and video processing. It seeks to offer broad coverage of recent developments of signal, image, and video areas in both theory and applications. Numerous image and video applications using artificial intelligence and deep learning are emerging these days.

This Special Issue covers theory, algorithms, methods, and architectures for the processing, formation, communication, and analysis of signals, images, and video in a variety of applications.

Topics include but are not limited to:

- Signal/image/video representation;
- Image/video understanding;
- Image/video compression;
- Intelligent signal processing;
- Image enhancement and denoising based on deep learning;
- Depth estimation and 3D reconstruction;
- Image and video quality metrics;
- Computer vision using convolutional neural networks.



mdpi.com/si/66081

Prof. Changhoon Yim

Guest Editor

Special Issue



an Open Access Journal by MDPI

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 - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)