

# Special Issue

## Image and Signal Processing

### Message from the Guest Editors

Over the last few years, we have witnessed huge developments in technologies that adopt artificial intelligence in image and signal processing and its applications. Deep learning has impacted modern life more than any other technology since its appearance in 2012 at the ImageNet challenge. This Special Issue welcomes authors to submit their novel and more recent research in deep-learning applications for image and signal processing. Possible contributions include but are not limited to research works in new deep learning algorithms, deep learning for data mining, computer vision, forecasting, natural language processing, clustering, image filtering, restoration and enhancement, image segmentation, video segmentation and tracking, feature extraction and analysis, motion detection and estimation, computer vision, pattern recognition, and content-based image retrieval. Furthermore, contributions to the application of deep learning in fields such as robotics, industrial automation, autonomous systems, or gaming are highly welcome.

---

### Guest Editors

Dr. Gwanggil Jeon

Department of Embedded Systems Engineering, Incheon National University, 119 Academy-ro, Yeonsu-gu, Incheon 22012, Republic of Korea

Dr. Imran Ahmed

School of Computing and Information Sciences, Anglia Ruskin University, Cambridge, UK

---

### Deadline for manuscript submissions

closed (31 July 2023)



## Technologies

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.6**  
**CiteScore 8.5**



[mdpi.com/si/109326](https://mdpi.com/si/109326)

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

[mdpi.com/journal/  
technologies](https://mdpi.com/journal/technologies)





# Technologies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 8.5



[mdpi.com/journal/  
technologies](https://mdpi.com/journal/technologies)



## About the Journal

### Message from the Editor-in-Chief

*Technologies*, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

---

### Editor-in-Chief

Prof. Dr. Manoj Gupta

Department of Mechanical Engineering, National University of  
Singapore, Singapore 117576, Singapore

---

### Author Benefits

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, Ei  
Compendex, INSPIRE, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1  
(Computer Science (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 21.8 days after  
submission; acceptance to publication is undertaken in 3.9  
days (median values for papers published in this journal in  
the first half of 2025).