

Special Issue

Artificial Intelligence: Deep Learning and Computer Vision

Message from the Guest Editors

This Special Issue will present recent applications of artificial intelligence for computer vision. Special attention is devoted to deep learning methods using convolutional and transformer-based architectures. This Special Issue will accept high-quality papers containing original research results and review articles in the following fields:

- Image or video segmentation using deep neural networks;
- Image or video classification using deep neural networks;
- Image or video restoration or reconstruction using deep neural networks;
- Image to X and image from X reconstruction using deep neural networks;
- Autonomous robot or vehicle navigation using deep neural networks for images;
- Object detection in images or video using deep neural networks;
- Three-dimensional reconstruction or depth estimation using deep neural networks;
- Generative deep learning for images;
- Image-based deep reinforcement learning;
- Computational methods for computer vision using deep neural networks;
- Optimization algorithms for computer vision using deep neural networks;
- Intelligent systems for computer vision using deep neural networks.

Guest Editors

Prof. Dr. Juan Manuel Rendón-Mancha

Instituto de Investigación en Ciencias Básicas y Aplicadas, Centro de Investigación en Ciencias, Universidad Autónoma Del Estado de Morelos, Cuernavaca 62209, Mexico

Prof. Dr. Edgar Roman-Rangel

Instituto Tecnológico Autónomo de México, Ciudad de Mexico 01080, Mexico

Deadline for manuscript submissions

31 January 2026



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/216149

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



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



About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).