# Special Issue

## Artificial Intelligence and Algorithms with Their Applications

### Message from the Guest Editors

This Special Issue of Mathematics is devoted to topics in artificial intelligence and algorithms, including theory and applications, as well as applied mathematics. The focus will be on techniques for improving the performance of the AI framework in different application domains.  Potential contributions may include but are not limited to:

- deep learning
- statistical analysis
- pattern recognition
- natural language processing
- computer vision
- image processing
- network security
- Internet of Things (IoT)
- blockchain
- model visualization
- optimization
- differential equations.

### Guest Editors

Dr. Gang Hu

Dr. Lan Cheng

Dr. Guanqiu Qi

### Deadline for manuscript submissions

closed (30 June 2025)

# 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
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### Author Benefits

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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).