# Special Issue

# Al-Assisted Medical Diagnostics

# Message from the Guest Editor

This Special Issue seeks to spotlight the transformative potential of artificial intelligence (AI) in the realm of medical diagnostics. We aim to showcase pioneering research at the intersection of Al-driven computational methods and clinical practice, emphasizing innovative solutions that advance diagnostic accuracy and healthcare delivery. The Issue will focus on how Al technologies (particularly machine learning and deep learning) can enhance medical diagnostics, support clinical decision-making, and improve patient outcomes. We invite submissions addressing a broad range of topics such as predictive diagnostics, medical image interpretation and classification, and data-driven personalized diagnosis, underscoring the critical role of Al in tackling complex diagnostic challenges. Suitable contributions include original research articles, comprehensive reviews, and real-world applications that demonstrate the impact and promise of Al-assisted diagnostics in modern medicine.

## **Guest Editor**

Dr. Milan Toma

Department of Osteopathic Manipulative Medicine, College of Osteopathic Medicine, New York Institute of Technology, Old Westbury, NY 11568, USA

#### Deadline for manuscript submissions

30 November 2025



# **Algorithms**

an Open Access Journal by MDPI

Impact Factor 2.1 CiteScore 4.5



mdpi.com/si/240420

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

mdpi.com/journal/algorithms





# **Algorithms**

an Open Access Journal by MDPI

Impact Factor 2.1 CiteScore 4.5



# **About the Journal**

# Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

### Editor-in-Chief

#### Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

#### **Author Benefits**

# Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

# **High Visibility:**

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

# Journal Rank:

JCR - Q2 (Computer Science, Theory and Methods) / CiteScore - Q1 (Numerical Analysis)

