

## Special Issue

# Machine Learning in Medical Signal and Image Processing (3rd Edition)

### Message from the Guest Editor

We invite you to submit your latest research on the development and medical applications of machine learning algorithms to this Special Issue, entitled “Machine Learning in Medical Signal and Image Processing”. We are looking for new, innovative machine learning approaches with medical applications, including, but not limited to, the following: biomedical signal and image processing; biosensors; bioinformatics and computational biology; neural, rehabilitation, cardiovascular, and clinical engineering; therapeutic and diagnostic systems; robotics; healthcare information systems and telemedicine; devices and technologies; and emerging topics in biomedical engineering.

### Guest Editor

Dr. Maryam Ravan

Department of Electrical and Computer Engineering, New York Institute of Technology (NYIT), NYC Campus, Room 810, 1855 Broadway, New York, NY 10023-7692, USA

### Deadline for manuscript submissions

closed (25 July 2025)



## Algorithms

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## 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.

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### Editor-in-Chief

Prof. Dr. Frank Werner

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