

## Special Issue

# Young Researchers in Imaging Science: Modelling and Algorithms

### Message from the Guest Editor

Dear colleagues, We invite you to submit your research in the field of imaging inverse problems to the Special Issue 'Young Researchers in Imaging Science: modelling and algorithms'. In the last few decades, images have become one of the most widespread means of communication. The main reason behind this increasing diffusion is the variety of different applications involving data that can be rearranged so as to be visualized as images. Image processing methods are aimed at developing strategies for manipulating, transmitting and even improving two-dimensional signals. The goal of the Special Issue is to collect the latest advances concerning the design of novel flexible models, as well as efficient and robust algorithmic procedures to address imaging inverse problems from a variational, statistical and learning perspective. We highly encourage submissions authored by young researchers or with a young researcher as first author. In fact, this Special Issue represents an opportunity for PhD students, post-doctorate fellows and early-career researchers to share their results with the imaging community.

---

### Guest Editor

Dr. Monica Pragliola

Department of Mathematics, University of Bologna, 40126 Bologna, Italy

---

### Deadline for manuscript submissions

closed (15 June 2022)



## Algorithms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.8  
CiteScore 4.5



[mdpi.com/si/100274](https://mdpi.com/si/100274)

### *Algorithms*

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

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





# Algorithms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.8  
CiteScore 4.5



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



## 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)