

# Special Issue

## Computational Methods for Neutron Imaging

### Message from the Guest Editors

This Special Issue on “Computational Methods for Neutron Imaging” will focus on different aspects of the development and use of algorithms, workflows, and software engineering solutions to provide analysis tools for neutron imaging. Papers must be original research of novel results or a relevant review article of the current state of the art, and they should include a brief description of the necessary mathematical foundation for the presented computational methods (unless it is well known in the field of neutron imaging and neutron tomography), computational workflow (flow charts or workflow diagrams are welcome), and details on implementation, such as the main computing languages and software packages used, and computing resources needed. If the computing tool developed is available on public repositories such as github, please also share the repository URL.

### Guest Editors

Dr. Anders Kaestner

Laboratory for Neutron Scattering and Imaging, Paul Scherrer Institut, Forschungsstrasse 111, 5232 Villigen PSI, Switzerland

Dr. Jiao Lin

Second Target Station, Oak Ridge National Laboratory, Oak Ridge, TN 37831, USA

### Deadline for manuscript submissions

closed (30 November 2022)



## Journal of Imaging

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.7  
Indexed in PubMed



[mdpi.com/si/107284](https://mdpi.com/si/107284)

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

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





# Journal of Imaging

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

---

### Editor-in-Chief

Prof. Dr. Raimondo Schettini

Department of Informatics, Systems and Communication, University of  
Milano-Bicocca, viale Sarca, 336, 20126 Milano, Italy

---

### 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), PubMed, PMC, dblp, Inspec, Ei Compendex, and other databases.

#### Journal Rank:

JCR - Q2 (Imaging Science and Photographic Technology)  
/ CiteScore - Q1 (Radiology, Nuclear Medicine and Imaging)