

Topical Collection

Traditional and Machine Learning Methods to Solve Imaging Problems

Message from the Collection Editors

The proposed Topical Collection aims to gather original research articles and reviews on these two approaches to solving imaging problems, including combined methods aiming to provide a better solution. We welcome papers presenting results from theory to experimental practice in various application fields, especially those promoting critical comparisons between traditional and learning methods, revealing their strength and weakness. Submissions may cover different application fields, such as biomedical imaging, microscopy imaging, remote sensing, etc., with potential topics of interest including but not being limited to:

- Image deblurring;
- Image denoising;
- Image reconstruction from projections;
- Image inpainting;
- Image segmentation;
- Image classification and detection;
- Application in biomedical imaging;
- Application in super-resolution microscopy;
- Application in healthcare;
- Application in (your field of research!);
- Other related areas.

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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

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