Special Issue

Symmetry in Medical Image Processing

Message from the Guest Editor

In this Special Issue, we aim to cover recent advances and applications in Medical Image Analysis. We are particularly interested in exploring novel applications of machine- and deep-learning approaches, although submissions are open to a wider range of medical image processing topics. Some potential areas of interest include methods for dealing with a low number (lack) of annotations; optimal/efficient approaches to procure annotations; scalable methods for multi-organ, multi-tissue analysis applications; approaches to deal with non-normalized sequences/imaging data; and techniques to gather population information. Topics but not limited to:

- Novel applications of deep or machine learning;
- Applications in medical imaging, acquisition, reconstruction, denoising, super-resolution, segmentation, registration, tracking, and others;
- Applications in different medical image modalities, including MR, X-ray, PET, and US imaging (but excluding biological or microscopy imaging).

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2023)

Symmetry

About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

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