



## AI for Hyperspectral and Medical Imaging

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**closed (30 November 2023)**

### Message from the Guest Editors

This Special Issue aims to push the frontiers of AI and take important steps towards making the hyperspectral technologies of tomorrow possible, with direct impact on various parts of the environment, health, and industry sectors. Our goal is to gather novel processing, learning, and optimization techniques for hyperspectral imaging systems under a single umbrella.

We welcome articles on efficient and effective processing, learning, and optimization algorithms for hyperspectral imaging models with applications in ocean monitoring and medical images. Articles that present novel datasets or discuss challenges and open problems related to hyperspectral and medical image processing will also be considered. In summation, the topics of interest are:

- Hyperspectral/medical imaging;
- Hyperspectral/medical image registration;
- Hyperspectral/medical image super-resolution;
- Hyperspectral/medical image segmentation;
- Representation learning for hyperspectral/medical imaging.





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## Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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