



Computational Optical Imaging: Methodology and Applications

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Message from the Guest Editors

Dear Colleagues,

The advent of computational optical imaging has revolutionized the field of imaging sciences by integrating cutting-edge computational algorithms with traditional imaging hardware. This Special Issue aims to present the latest advancements regarding both techniques and applications in the field of computational optical imaging. It ranges in scope from methodology innovations in the field of quantitative phase imaging, volumetric imaging, and hyperspectral imaging, among others, to significant applications, e.g., biomedical studies and computer vision. By merging advanced signal processing, machine learning, and optics, computational optical imaging has opened up new possibilities for imaging systems, enabling enhanced image acquisition, analysis, and understanding.

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