

Special Issue

Recent Innovations in Computational Imaging and Sensing

Message from the Guest Editor

This Special Issue aims to contribute to this dynamic area ranging from foundational theoretical developments to real-world system implementations and case studies, advancing both the science and practical applications of modern imaging systems. Potential topics include but are not limited to:

- Computational imaging: machine learning, inverse problems, and model-based methodologies
- Image reconstruction: recovery, denoising, super-resolution, and depth-of-field optimization, color correction, deblurring, and data reconstruction
- Sensor-based processing: compressive sensing and phase retrieval
- Medical and scientific imaging: tomography, MRI, molecular imaging, ultra-fast imaging, microscopy
- Coherent imaging: holography, optical coherence, and coded aperture techniques
- Remote sensing: radar, LIDAR, and synthetic aperture imaging systems
- Industrial applications: imaging solutions for commercial and technical environments

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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