

Topical Collection

Advances in Spectroscopy and Spectral Imaging

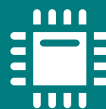
Message from the Collection Editors

Spectroscopy aims at recovering the spectral signature of light at a scene point, within a given spectral range and a given spectral resolution. Recent advances in the field could potentially lead to the massification of SSI, and a better implication of SSI in applications, such as for computer vision, computer graphics, or remote sensing. This Special Issue focuses on these topics, so the different issues, achievements, and progress from different disciplines are available from one single issue. Keywords: spectroscopy; spectral imaging; multispectral imaging; hyperspectral imaging; spectropolarimetric imaging Potential topics include but are not limited to:

- Technology: optical design, camera design, acquisition setup, etc.
- Computational algorithm: imaging model, data processing, noise reduction, calibration, image enhancement, demosaicing, super-resolution, high dynamic range, etc.
- Applications in computer vision: medical imaging, automotive, cultural heritage (classification, text analysis), etc.

Collection Editors

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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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