Special Issue

High-Spectral-Resolution Image Sensing

Message from the Guest Editors

High-spectral-resolution image sensing is a sensing technology for objects with different reflection spectra that uses very narrow and continuous spectral channels. In the visible light to the short-wave infrared band, the spectral resolution can be up to nanometer (nm) order of magnitude, and it often includes multi channels, dozens or even hundreds of spectral channels, and continuous spectral channels. This Special Issue covers fundamental, applied experimental, and theoretical studies of high-spectral-resolution image sensing, including:

- Materials and nanostructures;
- Fundamental properties;
- Devices and applications;
- Integrated circuit chip;
- Fabrication and processing;
- Simulation and system analytical techniques.

Guest Editors

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Deadline for manuscript submissions

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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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