

Special Issue

Recent Trends and Advances in Color and Spectral Sensors: 2nd Edition

Message from the Guest Editors

Color and spectral sensors are key technologies for color acquisition and reproduction in different applications, such as image visualization, cultural heritage, color recognition and inspection, medical diagnosis, and remote sensing. Color acquisition and reproduction issues are not comprehensively investigated and are challenging problems in developing a general color accuracy sensing system. Furthermore, test benchmark design, experimental guidelines, visual perception, and numerical analysis models for evaluating the performance of color and spectral sensors are also key to implementing accurate material-aware color.

Manuscripts should contain both theoretical and practical/experimental results. Potential topics include but are not limited to the following: color sensors, spectral sensors, image sensors, hyper/multispectral imaging, imaging spectroscopy, color/spectral filter arrays, radiometric calibration, calibration site design, CCD/CMOS, spectral recovery, color perception, color appearance models, and image vision.

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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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