

Special Issue

Spectral Detection Technology, Sensors and Instruments

Message from the Guest Editors

Spectral detection technology has always been a research hotspot in the field of precision measurement. It can not only obtain the spectral characteristics of the measured object, but also obtain the topography of samples through hyperspectral and multispectral. It is widely used in national defense, space remote sensing, biomedicine, disaster monitoring, and many engineering fields. In recent years, with the development of technology, intelligent manufacturing and environmental protection have attracted worldwide attention, which extends the application of spectral detection technology to new dimensions.

- Multispectral detection technology;
- Spectral analysis technology;
- Spectral imaging processing;
- Spectral-based hazard analysis and diagnosis;
- Spectral-based environmental detecting and monitoring;
- Medical detection based on spectrum;
- Optical fiber spectral sensing technology.

If you want to learn more information or need any advice, you can contact the Special Issue Editor Lucy wang via directly.

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2024)



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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.

Editor-in-Chief

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