

## Special Issue

# Spectral Detection: Technologies and Applications

### Message from the Guest Editors

With its non-contact, fast, efficient and dynamic characteristics, spectral detection has attracted much attention in recent years. Featured by its requirement in neither sampling nor post-sample processing, spectral detection technology finds its wide application in many fields, such as national defense, space remote sensing, food inspection, biomedicine and other engineering utilization, etc. Noticing the continuous and rapid expansion in the studies of science, engineering and application concerning spectral detection, we decide to set up a Special Issue, titled “Spectral Detection: Techniques and Applications” in APPLIED SCIENCE. This special issue aims to investigate the latest advances and the applications of spectral detection, with the topics of interest including, but not limited to, the following:

- Multispectral and/or Hyperspectral detection
- Near-infrared and/or infrared spectral analysis
- Raman spectral detection
- Laser spectroscopic detection
- Fourier transform spectrometry and analysis
- Spectral sensing and/or imaging
- Chemometric methods and their application in spectral analysis

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### Guest Editors

Prof. Dr. Xihui Bian

Dr. Jin Yu

Dr. Qunbo Lv

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### Deadline for manuscript submissions

closed (20 November 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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