
Special Issue on Near Infrared

Call for Papers

Near Infrared is a spectroscopic method that uses the near-infrared region of the electromagnetic spectrum (from about 800 nm to 2500 nm). Near infrared spectroscopy is used where multicomponent molecular vibrational analysis is required in the presence of interfering substances. The near infrared spectra consist of overtones and combination bands of the fundamental molecular absorptions found in the mid infrared region. Near infrared spectra consist of generally overlapping vibrational bands that may appear non-specific and poorly resolved. The use of chemometric mathematical data processing and multiple harmonics can be used to calibrate for qualitative or quantitative analysis despite these apparent spectroscopic limitations. As a fundamental technology in physics, **near infrared** is an attraction to researchers.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **near infrared**. Potential topics include, but are not limited to:

- Qualitative near infrared
- Quantitative near infrared
- Hyperspectral imaging
- Functional near-infrared spectroscopy
- Optical coherence tomography

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Near Infrared**” should be chosen during your submission.

According to the following timetable:

Manuscript Due	March 5th, 2015
Publication Date	May 2015



Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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