



## Special Issue on Laser Spectroscopy and Sensing

### Call for Papers

**Laser Spectroscopy** is a valuable tool for sensing and chemical analysis. Developments in lasers, detectors and mathematical analytical tools have led to improvements in the sensitivity and selectivity of spectroscopic techniques and extended their fields of application. Laser Spectroscopy for Sensing examines these advances and how laser spectroscopy can be used in a diverse range of industrial, medical, and environmental applications. As one of most innovative technology in science, **laser spectroscopy and sensing** is of great attractions to researchers.

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

- Laser-based sensors for gases, liquids, and solid
- Mathematical analysis of multi-component spectra
- Determination of isotope ratios in gas mixtures
- Photoacoustics and cavity ringdown
- LED-based low-cost gas sensor
- Sensitive infrared absorption laser sensor
- The applications of laser spectroscopy and sensing

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 - Laser Spectroscopy and Sensing**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	January 21st, 2015
Publication Date	March 2015

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