



Journal of Spectroscopy

Special Issue on
**New Perspectives and Innovation in regard to the
Application of Infrared Spectroscopy**

CALL FOR PAPERS

In the last few decades, infrared spectroscopy has become one of the most powerful nondestructive techniques that have been applied to the determination of various characteristics in a number of materials. This technique has become a well-established research area and it has several applications in many scientific fields. In recent literature, many significant contributions demonstrate that this technique is useful to detect multitraits of chemical, physical, and morphological characteristics in natural products, such as assessment of resin formulations, morphological properties of fiber wood and pulp, pulp yields, understanding the action of wood degrading fungi, the contents of the main wood components (cellulose, hemicelluloses, lignin, and extractives), wood density, and wood mechanical properties. Different contexts of applications have been provided by several authors.

This special issue aims to create a multidisciplinary forum of discussion on recent advances and innovation in regard to the application of infrared spectroscopy, in agriculture, forestry, and paper industry. We invite authors to send us original research articles as well as review articles that will illustrate and stimulate the discussion on spectroscopic techniques that may have a greater possibility of application as well as models already published that can now be improved and also new prospects for the year 2020.

Potential topics include, but are not limited to:

- ▶ Agricultural applications
- ▶ Forestry applications
- ▶ Pulp and paper applications

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jspec/nist/>.

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