

Special Issue  
**RAMAN SPECTROSCOPY / SURFACE ENHANCED RAMAN  
SPECTROSCOPY**Sailaja Eluchri <sup>1</sup>, Sushma Kalmodia<sup>2</sup>**AIM AND SCOPE**

Raman spectroscopy has been used as a important tool for the identification of different molecules ranging from biomolecules like proteins, lipids, carbohydrates and synthetic and natural chemicals. The phenomenon of Surface Enhanced Raman Spectroscopy (SERS) has gained more importance in different areas such as biomedical, environment and toxicology for its rapid detection with very high sensitivity and specificity.

**Keywords:** *Raman spectroscopy, SERS, Single molecules, Multiplexing, Imaging, biosensors, toxicology, metal nanoparticles.*

**SUBTOPICS**

1	Methods and modeling for quantification of Raman spectra	4	Novel fabrication of SERS substrate as sensor for analyte detection
2	Label free Raman spectroscopy for biomedical application	5	Single molecular and multiplexing detection by SERS
3	SERS enhanced Raman Spectroscopy for imaging and diagnostic	6	

**SCHEDULE**

Manuscript submission deadline	<b>June 30, 2014</b>
Peer Review Due	<b>July 25, 2014</b>
Revision Due	<b>August 15, 2014</b>
Notification of acceptance by the Guest Editor	<b>September 5 2014</b>
Final manuscripts due	<b>September 20 2014</b>

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