



## Special Issue on Atomic and Molecular Spectroscopy

### Call for Papers

Atomic and molecular spectroscopy has provided basic information leading to the development of quantum mechanics and to the understanding of the building blocks of matter. It continued to provide further insight into the statics and dynamics of the microcosmos, and provides the means for testing new concepts and computational methods. The results of atomic and molecular spectroscopy are of great importance in astrophysics, plasma and laser physics. The rapidly growing field of spectroscopic applications has made considerable impact on many disciplines, including medicine, environmental protection, chemical processing and energy research.

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

- Atomic absorption/emission spectroscopy
- Attenuated total reflection infra-red spectroscopy
- Electronic spectroscopy
- Infrared fourier transform spectroscopy
- Mass spectrometry
- Nuclear magnetic resonance spectroscopy
- Inductively coupled plasma emission spectroscopy
- Raman spectroscopy
- UV-visible spectroscopy
- X-ray fluorescence analysis
- Spectroscopy and dynamics
- Improvements in sensitivity, selectivity, precision, accuracy and/or robustness
- Chemometrics, statistics, calibration techniques and internal standardisation

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

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Atomic and Molecular Spectroscopy**” should be selected during your submission.



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Special Issue Timetable:

Submission Deadline	July 30th, 2016
Publication Date	September 2016

**Guest Editor:**

For further questions or inquiries, please contact Editorial Assistant at  
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