



## Special Issue on Atomic and Molecular Physics

### Call for Papers

Atomic and molecular physics is a science that studies the structure, properties, interactions, motion laws of atoms and molecules and their interaction with the surrounding environment. Atomic and molecular physics involves a wide range of fields. It also has a wide and deep interdisciplinary interaction with condensed matter physics, quantum information and quantum computing. Its in-depth study, directly or indirectly, leads to the birth and development of some modern industries, such as electronics and electronics, optoelectronics and laser industries.

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

- Interaction potential of condensed state
- Atomic and molecular spectroscopy
- Spin resonance
- Collision theory
- Laser technology
- Cold atom physics
- Molecular reaction kinetics
- Cluster physics
- Design and synthesis of materials
- Atomic and molecular structures

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Atomic and Molecular Physics**” should be chosen during your submission.

According to the following timetable:

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