
Special Issue on Atomic, Molecular, and Optical Physics

Call for Papers

Atomic, molecular, and optical physics (AMO) is the study of matter-matter and light-matter interactions; at the scale of one or a few atoms and energy scales around several electron volts. The three areas are closely interrelated. AMO theory includes classical, semi-classical and quantum treatments. Typically, the theory and applications of emission, absorption, scattering of electromagnetic radiation (light) from excited atoms and molecules, analysis of spectroscopy, generation of lasers and masers, and the optical properties of matter in general, fall into these categories.

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

- Atomic physics
- Optical and laser physics
- Atomic and molecular collisions
- Quantum matter
- Light-matter interactions
- Isolated atoms and molecules

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, Molecular, and Optical Physics**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	December 29th, 2017
Publication Date	February 2018

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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