



atoms



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Recent Advances in Atomic and Molecular Spectroscopy

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submissions:

closed (1 May 2023)

Message from the Guest Editors

This Special Issue aims to invite original contributions on theoretical and experimental advances made in the field of atomic and molecular spectroscopy and their applications. The contributions may include innovative experimental techniques, state-of-the art theoretical methods or novel computational approaches. Reviews on the developments in the field are welcome as well. Applications of spectroscopic data may include, but are not limited to, the following research areas:

1. Fundamental physics;
2. Atomic structure;
3. Astrophysics;
4. Plasma physics;
5. Materials science;
6. Cold-atom physics;
7. Quantum optics;
8. Frequency standard.



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Special Issue



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Message from the Editor-in-Chief

The scope of *Atoms* is deliberately wide and encompasses a large part of theoretical and experimental atomic, molecular, nuclear, and chemical physics in order to encourage cross-disciplinary connections, while supporting the more traditional idea of individual subfields. The journal is also interested in papers concerning the computation and compilation of data related to applications in the above areas. Details of experimental methods and codes are welcome. Your research is taken seriously and peer-reviewed with care. I encourage you to contact me or any of the Editorial Board Members for further information.

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