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Special Issue on Atomic and Molecular Physics

Call for Papers

The field of Atomic and Molecular Physics explores the properties and behavior of atoms and molecules through experiments and theoretical models. This includes the study of the electronic structure and interactions of atoms and molecules, as well as their spectroscopic properties and reactivity. Researchers in this field investigate a wide range of phenomena, from quantum mechanical effects to chemical reactions, and may apply their findings to fields such as materials science, astrophysics, and biophysics. Ultimately, the goal of Atomic and Molecular Physics is to gain a deeper understanding of the fundamental building blocks of matter and their behavior in various environments and conditions. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **atomic and molecular physics**.

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- Many-electron atoms
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- Approximation methods for many-electron systems
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- Quantum mechanics and quantum chemistry

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