Special Issue on Density Functional Theory

Call for Papers

Density functional theory (DFT) is a quantum-mechanical (QM) method used in chemistry and physics to calculate the electronic structure of atoms, molecules and solids. It has been very popular in computational solid-state physics since the 1970s. 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 **density functional theory**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **density functional theory**. In this special issue, potential topics include, but are not limited to:

- Density functional theory calculations
- Exchange-correlation energy
- Thomas–Fermi model
- Hohenberg–Kohn theorems
- Ion-electron potential energy
- Application of density functional theory
- Density functional theory in the solid state

Authors should read over the journal's Authors' Guidelines 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 - *Density Functional Theory***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	October 27th, 2024
Publication Date	December 2024

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
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