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Special Issue on Density Functional Theory

Call for Papers

Density functional theory is computational technique used to predict the properties of molecules and bulk materials. It is a method for investigating the electronic structure of many-body systems and is based on a determination of a given system's electron density rather than its wave function. 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

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	May 17th, 2019
Publication Date	July 2019

Guest Editor:

For further questions or inquiries
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