Special Issue on Density Functional Theory

Call for Papers

Density functional theory (DFT) is a computational quantum mechanical modelling method used in physics, chemistry and materials science to investigate the electronic structure (or nuclear structure) of many-body systems, in particular atoms, molecules, and the condensed phases. 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:

- Thomas–fermi model
- Hohenberg–kohn theorems
- Pseudo-potentials
- Kinetic energy
- Exchange correlation energy
- Density functional theory of atoms and molecules

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:

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<td>Publication Date</td>
<td>March 2020</td>
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Guest Editor:

For further questions or inquiries
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