



Special Issue on Calculation Methods and Theories in Engineering Physics

Call for Papers

Physicists often have very precise mathematical theories to describe physical systems but are limited in their ability to describe the physical world because so few of these theories are amenable to analytic solution. Invariably physicists must resort to approximate solutions using mathematical calculations which can be conveniently performed in order to obtain useful results that both broaden and deepen our understanding of physics. This has spawned the field of Computational Physics, which is the study and implementation of numerical algorithms to solve problems in physics for which a quantitative theory already exists. 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 this area of **calculation methods and theories in engineering physics**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **calculation methods and theories in engineering physics**. In this special issue, potential topics include, but are not limited to:

- Density functional theory
- Differential geometric methods
- Hilbert space methods
- Bessel function methods
- Computer modeling & simulation
- Linear vector space
- Computational and experimental methods

Authors should read over the journal's [For Authors](#) 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 - Calculation Methods and Theories in Engineering Physics**” should be selected during your submission.

Special Issue timetable:



Scientific Research
Open Access

**Journal of Applied
Mathematics and Physics**
ISSN Online: 2327-4379

Submission Deadline	March 14th, 2018
Publication Date	May 2018

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
jamp@scirp.org