



Special Issue on Thermal Physics

Call for Papers

Thermal physics is a branch of physics that studies the properties and laws of matter in a thermal state. Generally speaking, thermal physics studies the statistical properties of a physical system from the point of view of energy. The thermal phenomenon is the macroscopic manifestation of the thermal motion, and the thermal motion is the microscopic nature of the heat phenomenon. Starting with the basics of heat and temperature, thermal physics analyzes the first law of thermodynamics and second law of thermodynamics from the statistical perspective, in terms of the number of microstates corresponding to a given macrostate.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **thermal physics**. Potential topics include, but are not limited to:

- Gibbs free energy
- Thermoelectric materials
- Thermophotovoltaic technology
- Engineering heat transfer
- Heat and Work
- Statistical thermodynamics
- Classical thermodynamics system

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Thermal Physics**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	May 31st, 2018
Publication Date	July 2018

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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