



Special Issue on Engineering Thermal Physics

Call for Papers

Thermodynamics is a branch of physics which deals with the energy and work of a system. It was born in the 19th century as scientists were first discovering how to build and operate steam engines. Thermodynamics deals only with the large scale response of a system which we can observe and measure in experiments. Small scale gas interactions are described by the kinetic theory of gases. The methods complement each other; some principles are more easily understood in terms of thermodynamics and some principles are more easily explained by kinetic theory. 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 engineering thermal physics.

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

- Aerothermodynamics
- Heat and mass transfer
- Statistical thermodynamics
- Thermal conduction
- Thermal conductivity
- Laws of thermodynamics
- Application of thermodynamics

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 - Engineering Thermal Physics**” should be selected during your submission.

Special Issue timetable:

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Guest Editor:

For further questions or inquiries



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