



Special Issue on Thermodynamics and Statistical Physics

Call for Papers

Thermodynamics is the branch of physics that deals with the relationships between heat and other forms of energy. In particular, it describes how thermal energy is converted to and from other forms of energy and how it affects matter. 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 **thermodynamics and statistical physics**.

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

- Thermodynamic equilibrium state
- Temperature, kinetic theory, and the ideal gas law
- Specific heat and heat transfer
- Laws of thermodynamics
- Heat transfer
- Nonequilibrium statistical thermodynamics
- States and processes
- Applications of thermodynamics and statistical physics

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 - Thermodynamics and Statistical Physics**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	February 28th, 2024
Publication Date	April 2024

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
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