



Special Issue on Heat and Mass Transfer

Call for Papers

This special issue focused on new types of high performance compact heat exchange equipment, advanced non-contact measurement technologies and novel thermal functional materials, research and development about Supercritical CO₂ Turbine Power Generation and the basic theory and key technology of high intensity heat transfer, research and application of microgrooves combined phase-change thermal management and energy saving technology. 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 **heat and mass transfer**.

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

- New methods of measuring and correlating transport-property data
- Conduction, convection and radiation
- Heat transfer in nuclear reactors
- Heat exchanger design and testing
- Thermophysical properties of materials
- Environmental applications of heat and/or mass transfer

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 - Heat and Mass Transfer**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	August 25th, 2026
Publication Date	October 2026

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
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