

Special Issue

Thermodynamics and Nuclear Materials

Message from the Guest Editor

The Special Issue should attract a broader audience, and it should show the importance of all aspects of thermodynamics as a fundamental discipline to understand the behavior of nuclear materials at their equilibrium state and its direct relevance to nuclear technologies. Therefore, authors are encouraged to submit papers presenting novel experimental data or developments of techniques that lead for their generation, as well as studies dealing with theoretical simulations including first principle calculations and/or molecular dynamics. Furthermore, novel thermodynamic assessments of systems relevant for nuclear technologies and thermodynamic database development and their coupling with multi-physics or fuel performance codes will be accepted for publication.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2021)



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About the Journal

Message from the Editor-in-Chief

Thermo (ISSN: 2673-7264) is an international, peer-reviewed, and open access journal that publishes original research papers, reviews, and Special Issues dealing with experimental, theoretical, and applied thermal sciences. Both theoretical (simulation) and/or experimental research papers within our journal's scope are of particular interest, including satellite-related topics considering thermophysics, solubility phenomena, chemical thermodynamics, and chemical engineering. We encourage scientists to publish their results in as much detail as possible, and there is no restriction on the maximum length of papers. We greatly appreciate suggestions for enhancing the journal.

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