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Thermodynamics and Nuclear Materials

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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.



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Special issue