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Electrical, Thermal and Magnetic Properties of Alloys

Guest Editor:

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Deadline for manuscript submissions:

closed (20 February 2022)

Message from the Guest Editor

This Special Issue will focus on recent findings on the properties of 4f (Rare Earth) and 3d (transition metals) based alloys in both crystalline and nanocrystalline forms. Reports on strongly correlated electron systems (Ce, Yb and U-based alloys) are also included. The manuscripts may be of theoretical and/or experimental nature, highlighting details of the theoretical models or experimental techniques used for the characterization and explanation of the observed behaviour. Potential technological applications resulting from the electrical, thermal and magnetic properties of the materials are also welcome.

We invite you to contribute full papers, reviews or communications to this Special Issue. In order to be considered for publication the manuscripts must demonstrate novelty and advance over previously reported data.



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Special issue



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Message from the Editor-in-Chief

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