

Special Issue

Electronic and Structural Properties of High Temperature Superconductors at High Pressure

Message from the Guest Editors

We are delighted to welcome submissions to our Special Issue entitled “Electronic and Structural Properties of High Temperature Superconductors at High Pressure”. This Special Issue will address the rapid progress made in the synthesis and discovery of superconductivity near room temperature at ultra-high pressure. Tremendous advances have been made in many cases by joint theoretical and experimental progresses. The overall aim of this Special Issue is to strengthen the links between state-of-the-art experimental and theoretical work, both on the front of materials discovery (ternary hydrides, doped systems, etc.) and at the level of fundamental understanding of the underlying physics, in particular on the level of the interplay between lattice dynamics and electronic correlations, such as magnetism.

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Deadline for manuscript submissions

closed (20 July 2022)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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