

Special Issue

Electronic Phenomena of Transition Metal Oxides

Message from the Guest Editors

The Special Issue on the “Electronic Phenomena of Transition Metal Oxides” aims to provide a platform for the presentation of novel insights in the electronic structure of transition metal oxides, both from the theoretical and experimental point of view. We would like to invite researchers working within the general framework of the Special Issue to contribute to the scientific discussion. Keywords

- Metal–insulator transitions and superconductivity
- Atomistic processes at surfaces, interfaces, and extended defects
- Electronic structure and lattice dynamics
- Redox reactions and oxygen transport
- Segregation and phase transformations

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Deadline for manuscript submissions

closed (30 June 2020)



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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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