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Structure and Properties of Quasicrystalline Materials

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submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue “Structure and Properties of Quasicrystalline Materials” will focus on the most recent advances in the field of quasicrystals and their crystalline approximants.

The possible topics include, but are not limited to:

- Structure and Mathematical Modeling of Quasicrystals and Approximants
- Soft Matter Quasicrystals
- Formation and Stability of Quasicrystals
- Phason Dynamics
- Electron Microscopy and Surface Investigations of Quasicrystals and Approximants
- Electronic Structure and Transport in Quasicrystals and Approximants
- Magnetic, Thermal and Mechanical Properties of Quasicrystals and Approximants
- New Quasicrystalline alloys

Dr. Dmitry A. Shulyatev
Guest Editor



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Special Issue



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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.

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