Special Issue

Functional Glass-Ceramics

Message from the Guest Editors

For a very long time, the main effort of glassmakers was focused on avoidance of glass crystallization during glass production. However, in the second half of the 20th century, the accidental discovery of the mechanical properties of glass-ceramics by S. Donald Stookey lead to a profound shift. Since then, the process of glass crystallization has been continuously developed, and new oxide and non-oxide glass systems have been studied to fulfill medical, optical, electronic, thermal, and mechanical needs. It is a well-known fact that significant changes in properties are observed when glass transforms into glass-ceramics. The wide range of compositions gives the opportunity to develop materials for demanding requirements. This Special Issue is focused on new materials based on glass-ceramics, their properties, and application. We believe that this Special Issue will help to create a stimulating platform enabling studies on glass-ceramics.

Guest Editors

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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.

Editor-in-Chief

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