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# Liquid-Crystal Polarization Gratings Volume II

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Deadline for manuscript submissions: closed (30 June 2023)

## Message from the Guest Editors

Dear Colleagues,

Liquid-crystal polarization gratings (LCPGs) are attracting wide interest in both the liquid crystal and optics fields due to their intriguing formation process, unique optical properties, and potential applications in emergent wearable devices, such as augmented/virtual reality headsets.

This Special Issue of Crystals serves to provide a platform for researchers to report results and findings in liquidcrystal or liquid-crystal-polymer LCPGs in the aspects of material, processing, patterning, polymerization, molecular kinematics, optical properties, and their applications.

Potential topics include but are not limited to:

Materials for LCPGs; Interplay between materials and LCPGs structures; Effect of processing and patterning on LCPGs; Optical characteristics of LCPGs; Novel structures of LCPGs; Applications of LCPGs; Optical systems based on LCPGs.

**Special**sue



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# **Editor-in-Chief**

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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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