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# Optical Field Modulation Based on Liquid Crystals and Beyond

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Deadline for manuscript submissions:
**closed (16 May 2022)**

## Message from the Guest Editors

Dear Colleagues,

Liquid crystal, as an excellent electro-optical material, has been widely utilized for the optical field modulation with advantages like high efficiency, wide operating spectrum range, various external field stimuli (e.g., electric/magnetic field, light irradiation, and heat), and so on. In addition, other materials such as silica and some oxide-based metasurfaces, metamaterials, photonic crystals, lithium niobate based nonlinear crystals, and so on, also exert their unique advantages in optical field modulation.

## Keywords:

- Optical field modulation
- Spatially structured light beams
- Phase
- Amplitude
- Polarization
- Spatial light modulation
- Time domain modulation
- Frequency modulation
- Liquid crystal

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This Special Issue aims to provide a platform for the researches about optical field modulation based on liquid crystals and beyond. Besides original research articles, we also encourage submission of review papers on recent progresses and future prospects or challenges.

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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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