



New Trends in Lyotropic Liquid Crystals

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Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editors

In this special issue, we invite colleagues to submit papers exploring the different aspects of the physico-chemical properties of lyotropic liquid crystals.

The potential topics include, but are not limited to:

- New lyotropic mixtures
- Property characterization (structure, linear and nonlinear optics, etc.)
- Chromonic lyotropic liquid crystals
- Chemical stability of lyotropic mixtures
- Inorganic and colloidal lyotropic liquid crystals
- Defects in lyotropic mesophases
- Elasticity in lyotropic structures
- Biaxial and uniaxial nematic phases
- Applications of lyotropics
- Interface with biological and biomedical research
- Lyotropic inorganic liquid crystals
- Lyotropic phases from colloidal nanoparticles





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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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