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Advances in Liquid Crystalline Materials—Beyond the Visible

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Liquid crystalline (LC) materials originate from the visible range of electromagnetic radiation. They have been designed and tailored for display and nondisplay applications for this spectral region. The long supremacy of the visible spectral range is strongly imprinted on LC molecular design and, consequently, the new molecular design paradigm very slowly developing. The process of going beyond the visible range is important for LC materials, since each spectral range has its own optimal parameters and molecular requirements and limitations. Such novel tailored liquid crystals are very promising and allow them to gain technological and functional advantages compared with other materials.

The goal of this Special Issue is to bring together the current research of chemists, physicists, material scientists, and chemical engineers who are working in any of the broad range of topics mentioned above. It is my pleasure to invite authors to contribute original research articles, reviews, short communications, and concept papers to this Special Issue.

Prof. Przemysław Kula

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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