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Optical and Microstructural Characterization of Thin Layers

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Message from the Guest Editor

Dear Colleagues,

In recent years, new methods for the fabrication of thin films have been developed and classical methods have been modified; however, traditional techniques are still used to produce high-quality layers. Because of the limitations of the synthesis methods, they cannot, generally, be used to obtain any coatings with specific properties. Therefore, it is important to recognize the relationship between the different synthesis methods and the properties of the desired layers. The properties of materials can also be varied by changing their composition as a result of, e.g., doping or alloying.

The aim of this Special Issue is to present the results of recent works on the relationships between growth conditions (or, in general, methods of synthesis) and/or layers modification and optical properties of the resulting layer, as well as microstructure of inorganic and organic films. Papers on multi-layer systems are also welcome.

Dr. Lukasz Skowronski

Guest Editor



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Special Issue



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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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