Special Issue

Materials and Devices Grown via Molecular Beam Epitaxy

Message from the Guest Editors

Molecular beam epitaxy (MBE) is a highly advanced deposition technique renowned for its capacity to produce high-quality thin films. Its unique capability to precisely control deposition processes at the atomic level empowers researchers to push the boundaries of material science, enabling unparalleled exploration of physical properties and phenomena. While MBE has effectively served its purpose for decades, ongoing progress is characterized by the continuous development of innovative materials, novel structures, as well as advanced growth techniques and characterization methods. The aim of this Special Issue, focused on "Materials and Devices Fabricated via Molecular Beam Epitaxy," is to assemble and showcase the wealth of innovative concepts involving novel structures, pioneering growth techniques, device physics and characterisation methods that have been realized through the application of molecular beam epitaxy. We warmly welcome the submission of both research articles and review articles. All submitted manuscripts will undergo standard journal peer-review procedures, and those accepted for publication will be featured in this Special Issue.

Guest Editors

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Prof. Dr. Thorsten Hesjedal

Deadline for manuscript submissions

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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.

Editor-in-Chief

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