Special Issue

Semiconductor Heteroepitaxy

Message from the Guest Editors

This Special Issue will cover a broad spectrum of topics, from theoretical studies and simulations to growth and characterization experiments, to applications enabled by heteroepitaxial systems. A list of the main subject areas includes:

- Growth experiments of heteroepitaxial films, three-dimensional crystals and nanostructures.
- Theory, modelling and simulation of the growth process.
- Characterization of heteroepitaxial systems by spectroscopy and other advanced techniques
- Theoretical modelling and calculations of material properties.
- Structural characterization, crystal quality, interfaces and free surfaces, defects.
- Elastic and plastic relaxation of misfit and thermal strain. Strain engineering.
- Heterostructures for advanced applications, micro-electronics, photonics, energy production and conversion, sensoring, etc.

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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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