

Special Issue

Hydride Vapor Phase Epitaxy Growth of Crystals

Message from the Guest Editor

The Special Issue "Hydride Vapor Phase Epitaxy Growth of Crystals" provides a forum for discussion and presentations on all research aspects of HVPE growth, properties and applications of materials and structures grown by this technique. We invite investigators to submit original articles on their studies. Potential topics include, without being limited to:

- HVPE growth technology
- Thermodynamics and kinetics modeling
- HVPE growth mechanisms and limitations
- Heteroepitaxial challenges
- Buffers and strain mitigation
- Selective area growth and orientation-controlled growth
- Planar growth on nonplanar substrates
- HVPE growth of nanowires
- Crystal properties and applications

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2019)



Crystals

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About the Journal

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

Prof. Dr. Alessandra Toncelli

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