Special Issue

MOVPE Growth of Crystalline Film

Message from the Guest Editor

The impact of MOVPE on modern civilization and our way of life is difficult to overestimate. Of particular significance is the widespread application of telecom lasers and white LEDs, which relay on high-volume manufacturing processes based largely on this technique. Nowadays, there are thousands of industrial MOVPE reactors in operation worldwide and hundreds of research groups actively studying MOVPE crystal growth or relying heavily on the technique for their wider studies. With the extreme purity of precursors available commercially, a reproducible high-precision gas delivery, abrupt reagents' switching, and with highly informative in-situ optical process monitoring tools, MOVPE has never been a better technique to be used in semiconductor research and manufacturing. I would like to invite you to submit manuscripts, which cover all research aspects of MOVPE growth and materials and structures grown by this technique. Manuscripts on other related technologies, like metalorganic molecular beam epitaxy, atomic layer epitaxy etc. are also welcome.

Guest Editor

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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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