Special Issue

III-V and II-VI Compound Semiconductor Nanorods: Growth, Properties and Applications

Message from the Guest Editor

We invite researchers to submit papers or reviews that discuss on the various aspects of nanorods or nanowires listed below:

- Growth techniques: Spontaneous and through templates using various forms of epitaxy, such as MBE, MOCVD, physical vapor transport, aqueous solution, PLD, and magnetron sputtering.
- Nanowires and nanorods morphology: Control on size and shape distributions, such as flat top or pointed tips
- Core-shell and other heterojunctions
- Crystal defects: High resolution TEM and nanostructural analyses
- Characterization: stress, composition gradient and band alignment by XRD, XPS and BEEM
- Optical properties: photoluminescence and electroluminescence
- Electrical properties: carrier mobility and carrier density
- Applications: LEDs, semiconductor lasers, transistors and sensors

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2018)

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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

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