Special Issue

Growth, and Structural Characterization of Self-Nucleated Nanowires

Message from the Guest Editor

We invite contributors to submit manuscripts on the growth mechanisms of self-nucleated semiconductor NWs and NW heterostructures, on the characterization of their morphological, microscopical, optical and electrical properties and on the realization of devices. The potential topics include, but are not limited to:

- Growth of self-nucleated NWs including the modelling of their nucleation and of steady-state growth regime
- Selective area growth of self-nucleated NWs, including patterning-mediated engineering of physical properties
- Nanowire heterostructures
- Characterization of NW physical properties (microscopic, optical, electrical, etc.)
- Applications of self-nucleated NWs to the realization of LEDs, LDs, sensors, piezoelectric devices
- Flexible electronics and optoelectronics applications.

Guest Editor

Prof. Dr. Bruno Daudin
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Deadline for manuscript submissions

closed (22 July 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

Prof. Dr. Alessandra Toncelli
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