



Growth, and Structural Characterization of Self-Nucleated Nanowires

Guest Editor:

Prof. Dr. Bruno Daudin
Université Grenoble Alpes,
Grenoble, France

Deadline for manuscript
submissions:

closed (22 July 2018)

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.





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Editor-in-Chief

Prof. Dr. Alessandra Toncelli

Department of Physics, University
of Pisa, 56126 Pisa, PI, Italy

Message from the Editor-in-Chief

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Contact Us

Crystals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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