



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

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Deadline for manuscript  
submissions:

**closed (30 April 2018)**

### 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





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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