



Advances in Nanoscale Optics

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Message from the Guest Editor

The introduction of optical fibre networks in the 1980s along with the ongoing merger of optics and electronics has led to light becoming the major information carrier and manufacturing tool in 21st-century society. One cannot imagine modern life without the internet, telecommunication, data storage, additive/subtractive manufacturing, and modern display technologies. Essential to the evolution of these critical societal technology platforms is the ability to control light with high spatial, intensity, and temporal resolution. Subsequently controlling light on the nanoscale has become a major area of multidisciplinary research in the last decade and continues to grow at an exponential rate. Within this context, this Special Issue welcomes submissions on the following topics:

- **Novel materials and fabrication processes**
- **Integrated optical devices**
- **Metamaterials, metadevices, and metasystems**

Keywords

- nanoscale optics
- integrated optics
- metamaterials
- reconfigurable devices
- silicon photonics
- nonlinear optics
- 2D materials
- complex semiconductor





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Message from the Editor-in-Chief

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