



## Sub-wavelength Optics

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Deadline for manuscript  
submissions:

**closed (28 February 2019)**

### Message from the Guest Editor

Dear Colleagues,

Following the growing developments of nanotechnology, nano-structure manufacturing processes have multiplied and led to the miniaturization of high-performance optical components. These components are not limited to usual functions, such as bulk devices, but claim exotic behaviors never highlighted in conventional optics. In this context, sub-wavelength optics has become a key element in the understanding and design of such components. This Special Issue on “Sub-Wavelength Optics” provides an overview of recent advances in this field through invited papers covering all areas ranging from fundamental theoretical principles to applications in different domains.

Prof. Fadi Baida

*Guest Editor*

- Near-field optics (theory and modeling)
- Light-matter interaction (linear and non-linear)
- Plasmonics
- Metasurfaces
- Photonic crystals
- Nano-device coupling
- Nano-sensors
- TeraHertz and microwave nanophotonics
- Nano-spectroscopy (SERS, fluorescence, etc.)
- Optical forces (Nano-tweezers)
- Quantum optics





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## Message from the Editor-in-Chief

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