



Nanophotonics, Metasurface, and Topological Photonic Crystals: Physics and Applications

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Deadline for manuscript
submissions:

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Message from the Guest Editors

We are pleased to invite you to contribute your work to this Special Issue. In recent decades, researchers have witnessed the improvement and exciting novel results and applications of nanophotonics, metamaterials, and plasmonics. The current and emerging applications of topological photonic crystals and photonic BICs and their role in shaping the interaction of light and matter has revolutionized the way of photonic-devices design. The physics, formation mechanisms, and design of topological PhC and BIC has shed new light on applications in integrated photonics and novel fields. These advances have led to extraordinary performance and novel phenomena, as well as having opened the door for new applications, including light guiding and bending, routing, lasing, sensing, optical communications, optical computing, non-linear optics, and quantum optics, etc.

We strongly encourage the submission of articles for this Special Issue. Both original research papers and review articles describing state-of-the-art innovations in this research field are welcome.

