



Metasurfaces: Physics and Applications

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Message from the Guest Editors

Dear Colleagues,

Metasurfaces, the two-dimensional analog of metamaterials, have attracted progressively increasing attention in recent years due to their planar configurations and thus ease of fabrication, while enabling an unprecedented control over optical fields. As a result, numerous applications and fascinating devices have been realized by designed metasurfaces, including beam deflectors, wave plates, flat lenses, vortex beam generation, holograms, and surface-wave couplers.

The aim of this special issue is to attract world-leading researchers in the area of metasurfaces in an effort to highlight the latest exciting developments, discuss the underlying physics of various configurations used, and promote concrete applications of metasurfaces. The accepted contributions will include theoretical considerations, experimental verifications, and proof-of-concept applications.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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