

Special Issue

Advances and Applications of Optical Metasurfaces and Metalens

Message from the Guest Editor

Meta-optics are components that exhibit engineered optical properties and light-manipulation capabilities through precisely designed nanostructures, which has gained significant global attention. They are promising alternatives to traditional refractive optics, with active tunable surfaces enabling real-time control over optical responses. This has facilitated the novel development of novel imaging and sensing modalities, wide-angle holographic displays, and quantum computing. Despite these advancements, alternative lithography methods, etching techniques and innovative strategies have been extensively refined to overcome challenges in production scalability. In this context, this Special Issue will highlight cutting-edge research, and review articles focused on advancements in metalens design methodologies and applications. We look forward to receiving your submissions!

Guest Editor

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