



Spoof Surface Plasmons: Theory, Designs and Applications

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Message from the Guest Editors

Metamaterials show great promise for engineering electromagnetic properties beyond the limits of natural materials. A typical example is the so-called spoof surface plasmons (SPs), which mimic features of optical SPs without penetrating metal at lower frequencies. Spoof SPs are divided into propagating and localized spoof surface plasmon polaritons; they also inherit most of the properties of natural SPs, including dispersion relations, field confinement, localized resonance, and subwavelength resolution, and therefore, are highly expected to offer a new solution for low-frequency applications. With the development of spoof SPs, many exciting theories and applications have been proposed and developed. This Topic is intended to solicit high-quality contributions in the theory, designs and applications of spoof SPs, including propagating and localized spoof surface plasmon polaritons. Authors are invited to submit original papers presenting new theoretical and/or application-oriented research that includes models, designs, simulations and applications. Additionally, review papers on these topics are also welcome.





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Message from the Editor-in-Chief

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