Bound States in the Continuum in Photonics

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Photonic bound states in the continuum are non-radiating optical states with energy embedded in the continuum spectrum of propagating waves. In practice, these states manifest themselves as resonances with giant-quality factors. In recent years, bound states in the continuum have attracted great attention due to their efficient light trapping and electromagnetic field enhancement. This Special Issue is expected to boost the development of the physics of bound states in the continuum and provide novel avenues for their applications. We expect that papers of this Special Issue will help to gain deeper insight into the physics of bound states in the continuum and related phenomena and extend the field of their potential applications in nanophotonics.

Dr. Andrey Bogdanov
Guest Editor

Special Issue