



Special Issue on Nonlinear Optics

Call for Papers

Nonlinear Optics is a complicated research area that covers subject problem in the areas of engineering, chemistry, biology as well as physics. The key content of this subject is describing the behavior of light in nonlinear media.

The exploration of nonlinear optics started the discovery of Second harmonic generation, shortly after demonstration of the first laser. Since then, the need for all-optical and electro-optical devices for applications in telecommunications, optical storage, and all-optical computing makes the nonlinear optics stems more diverse and the research more attractive.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **nonlinear optics**. Potential topics include, but are not limited to:

- Nonlinear optical materials
- Metamaterials and plasmonics
- Nano-photonic structures
- Stimulated scatterings
- Harmonic generations
- Wave mixing
- Real time holography
- Guided waves and solitons
- Nonlinear dynamics
- Nonlinear optical applications

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Nonlinear Optics**” should be chosen during your submission.

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