

Special Issue

Novel Nonlinear Phenomena with Strong Laser Fields

Message from the Guest Editors

The nonlinear interaction of intense laser pulses with matter is remarkably rich in its behavior and gives rise to many fascinating phenomena, such that recent years have witnessed a continuing interest and considerable progress. This Special Issue on “Novel Nonlinear Phenomena with Strong Laser Fields” seeks to promote scientific and technological research in this field of nonlinear optics using intense, ultrashort lasers. This Special Issue will publish experimental and theoretical research papers on cutting-edge advances in novel nonlinear phenomena, including but not limited to laser filamentation, high-order harmonic generation, supercontinuum generation, ultrashort laser development, novel THz generation in bulk media, and in gas-filled hollow fibers. The journal will publish communications, articles, and reviews that are of high quality, impact, and novelty, interesting to broad audiences of scientific and technological communities.

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is
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the first half of 2024).