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Special Issue on Optical Physics

Call for Papers

Optical physics studies the interactions of light with atoms, molecules and semiconductor systems in different contexts. At the College of Optical Sciences, nine different research groups pursue projects in quantum gases, quantum information, theoretical and computational optical physics, experimental and theoretical semiconductor quantum optics, and ultrafast lasers, with impacts to the theory and applications of high-harmonic generation, laser cooling and trapping, quantum control, and much more. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Optical Physics**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Optical Physics**. In this special issue, potential topics include, but are not limited to:

- Geometrical and physical optics
- Quantum optics
- Photonic crystals
- Topological photonics
- Nonlinear optics and low dimensional material spectroscopy
- Physics of high energy density of strong laser
- Optics, precision mechanics and physics

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Please kindly specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue - *Optical Physics***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	December 16th, 2026
Publication Date	February 2027

Guest Editor:
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