Special Issue

Novel Research on Quantum Optics Simulations and Quantum Simulators

Message from the Guest Editor

This Special Issue of *Optics* serves as a professional international medium for the publication of research in quantum simulations and, specifically, optical quantum simulators. Areas of interest broadly include experimental and theoretical research simulations of condensed matter phenomena via photonic-based quantum simulators. The focus is on gaining physical insights into the properties and potential applications of optical quantum simulators. The main aim of this Special Issue is to publish the latest research results and most recent developments at the frontier of quantum simulations.

Guest Editor

Dr. Farshad Nejadsattari
Department of Physics, University of Ottawa, Ottawa, ON K1N 6N5, Canada

Deadline for manuscript submissions

closed (20 December 2022)

Optics

an Open Access Journal by MDPI

Impact Factor 1.1
CiteScore 2.2

mdpi.com/si/76005

Optics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
optics@mdpi.com

mdpi.com/journal/optics

Optics

an Open Access Journal by MDPI

Impact Factor 1.1
CiteScore 2.2

mdpi.com/journal/optics

About the Journal

Message from the Editorial Board

Optics (ISSN 2673-3269) aims at establishing *Optics* as a leading journal for publishing high impact fundamental research and applications in optics field with a fast processing time and high quality service. The journal particularly welcomes both theoretical (simulation) and experimental research within our journal's scope. We encourage scientists to publish their experimental and theoretical results in as much detail as possible. So, there is no restriction on the length or pages of the papers. The full experimental details must be provided so that the results can be reproduced. Electronic files and software regarding the full details of the calculation or experimental procedure, if unable to be published in a normal way, can be deposited as supplementary electronic material.

Editors-in-Chief

Prof. Dr. Costantino De Angelis
Department of Information Engineering, University of Brescia, 25123 Brescia, Italy

Prof. Dr. Thomas Seeger
Institut Fluid- und Thermodynamik, Lehrstuhl für Technische Thermodynamik, Universität Siegen, Paul-Bonatz-Straße 9-11, 57076 Siegen, Germany

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2024).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.