Special Issue

State-of-the-Art in Optical Trapping and Manipulation

Message from the Guest Editors

Following the success of the previous Special Issues of *Micromachines,* "Optical Trapping and Manipulation" Volume 1 (2019) and Volume 2 (2021), we are pleased to announce the continuation of the Special Issue series with Volume 3 to be titled "State-of-the-Art in Optical Trapping and Manipulation", and scheduled for publication in 2022–2023. The Special Issue welcomes contributions on all aspects of optical trapping and manipulation. These may comprise both theoretical and experimental studies, and applications of optical manipulation methods in fields including (but not limited to) single-molecule biophysics, cell biology, microrheology, colloidal interactions, nanotechnology, atmospheric chemistry, and fundamental optics are particularly welcome to showcase the breadth of the current research. The Special Issue will accept all forms of contributions, including research papers, communications, methods, and review articles that represent the current state of the art in optical trapping.

Guest Editors

Prof. Dr. Philip Jones
Department of Physics and Astronomy, University College London, Gower Street, London WC1E 6BT, UK
Dr. Guido Bolognesi
Department of Chemical Engineering, Loughborough University, Loughborough LE11 3TU, UK

Deadline for manuscript submissions

closed (30 November 2022)

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/95345

Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

mdpi.com/journal/micromachines

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/journal/micromachines

About the Journal

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen
Queensland Quantum and Advanced Technologies Research Institute, Griffith University, West Creek Road, Nathan, QLD 4111, Australia

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Mechanical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).

MDPI