



an Open Access Journal by MDPI

Optical Trapping and Manipulation: From Fundamentals to Applications

Guest Editors:

Prof. Dr. Philip Jones

Department of Physics and Astronomy, University College London, Gower Street, London WC1E 6BT, UK

Dr. Daniel R. Burnham

The Francis Crick Institute, 1 Midland Road, London NW1 1AT, UK

Deadline for manuscript submissions: closed (30 November 2019)

Message from the Guest Editors

We are pleased to announce a Special Issue of *Micromachines* dedicated to the latest research in optical trapping, to be titled "Optical Trapping and Manipulation: From Fundamentals to Applications" and scheduled for publication in 2019.

In recognition of the broad impact of optical manipulation techniques across disciplines, the Special Issue will welcome 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, nanotechnology, atmospheric chemistry, and fundamental optics will be particularly welcome in order to showcase the breadth of the current research.

The Special Issue will accept diverse forms of contributions, including research papers, short communications, methods, and review articles that represent the state-of-the-art in optical trapping.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ai-Qun Liu

 Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication i n *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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases. **Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

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