# **Special Issue**

## State-of-Art in Optical Tweezers

## Message from the Guest Editors

Optical tweezers (OTs) enable trapping and manipulation without contact and apply minute forces on microscopic particles. Since the pioneering work of Arthur Ashkin, OTs have been developed at a dazzling speed. To maintain the pace in recent advancements regarding OTs, the Special Issue, entitled "State of the Art in Optical Tweezers", welcomes contributions regarding all aspects of optical trapping and manipulation. Theoretical and experimental studies are welcome, as well as articles concerning applications of OT in all the fields of science. This Special Issue will accept all forms of contributions, including research papers, communications and review articles.

### **Guest Editors**

Dr. Ruben Ramos-Garcia

Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), Luis Enrique Erro #1. Sta Maria Tonantzintla, Puebla 72840, Mexico

Prof. Dr. Gabriel Spalding

Laboratory for Mesoscopics & Quantum Microscopies, Illinois Wesleyan University, Bloomington, IL 61701, USA

#### Deadline for manuscript submissions

closed (1 April 2023)



## **Micromachines**

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 6.0 Indexed in PubMed



mdpi.com/si/132803

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

mdpi.com/journal/ micromachines





an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



## **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. Ai-Qun Liu

Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

#### **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 17.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

