

Special Issue

Optical Tweezers and Their Applications

Message from the Guest Editor

Optical tweezers, a revolutionary tool for trapping and manipulating micro/nano-scale particles with high precision, have become indispensable across multiple disciplines. We invite original research and reviews addressing technological innovations, novel applications, or fundamental discoveries in optical tweezers. This collection aims to foster interdisciplinary collaboration between physicists, engineers, and biologists working with this technology. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Optical trapping and manipulation; Optical fiber tweezers; Near-field optical tweezers; Force measurements with optical tweezers; Optical tweezers characterization of materials; Optical tweezers applications in biology and biomedicine; Optical tweezers applications in physics.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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Editor-in-Chief

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