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Fluid Manipulation Techniques: Advances, Challenges and Perspectives

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Message from the Guest Editors

Dear Colleagues,

Fluid manipulation has emerged as a versatile and powerful platform for fostering multidisciplinary applications in physics, chemistry, biology, engineering, the environment, biomedical engineering, and medicine. Having been burgeoning for decades, fluid manipulation is undergoing a “golden” development age, with novel concepts and technologies continuing to emerge. This Special Issue aims to showcase research papers, communications, and review articles that focus on recent advancements in the fundamentals of fluid manipulation, including, but not limited to, (1) the fundamental understanding of fluid manipulation, (2) the fluid mechanics of innovative fluid manipulation systems, and (3) diverse applications related to fluid manipulation.

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Guest Editors



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Special Issue



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