

Special Issue

Optofluidics 2018

Message from the Guest Editors

Optofluidics is the study of interactions between light and fluids in the use of either light to control the flow of fluids or fluids to guide the flow of light, particularly at the micro-scale. Specific applications of the former one include optowetting, optical trapping, particle and cell sorting, and nanoparticle assisted optical flow control. Notable applications of the latter one are in waveguides, displays, optical switches, sensors, as well as in lab-on-a-chip, lab-in-fiber, and smart optical devices. In this Special Issue, we invite insight from investigators and scientists in the field to show your work with research papers, short communications, and review articles that focus on the new technology, fundamental research, concept, and application cases in the area of Optofluidics.

Guest Editors

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Prof. Lingling Shui

Prof. Dr. Changyuan Yu

Deadline for manuscript submissions

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