

Recent Advances in Liquid Photonic Devices

Guest Editors:

Dr. Yang Cheng

School of Optics and Photonics,
Beijing Institute of Technology,
No. 5 Yard, Zhong Guan Cun
South Street, Haidian District,
Beijing 100081, China

Prof. Dr. Lihui Wang

School of Future Science and
Engineering, Soochow University,
Suzhou 215299, China

Dr. Chao Liu

School of Instrumentation and
Optoelectronic Engineering,
Beihang University, No. 37
Xueyuan Road, Haidian District,
Beijing 100191, China

Message from the Guest Editors

A liquid photonic device refers to a novel optoelectronic device. It is different from a traditional photonic device made of solid-state material. Liquid is employed as the optical media of a liquid photonic device. Liquid photonic devices are superior to traditional solid-state assemblies in terms of reduced bulk and weight, as well as having a high-speed response, low material costs, and facile fabrication. Such benefits can be used in imaging applications where space is at a premium. With the development of new optoelectronic technology and novel materials, liquid photonic devices are experiencing significant advances.

This Special Issue aims to present the recent advances in liquid photonic devices. Original research articles and reviews are welcome. We look forward to receiving your contributions. Research areas may include, but are not limited to, the following:

- Liquid lens.
- Liquid crystal lens.
- Liquid beam deflector.
- Liquid prism.
- Microfluidics.
- Electrowetting effect.
- Dielectrophoretic effect.
- Dielectric elastomer.

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