Special Issue

Recent Advances in Liquid Photonic Devices

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 optoelectric 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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Deadline for manuscript submissions

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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