Special Issue

Design and Applications of Polarized Optical System

Message from the Guest Editor

As one of the most commonly used optical detection technologies today, polarization detection can increase the dimension of data acquisition and enhance the capabilities of target detection systems under complicated circumstances. It plays an important role in optical remote sensing, biomedical imaging, target detection, foodstuff hazard detection, and other relative fields. This Special Issue aims at presenting original state-of-the-art research articles focused on the design and applications of polarized optical systems, such as development of new polarization modulation devices, high-performance polarization system design, polarization image processing, etc. Researchers are invited to submit their contributions to this Special Issue. Topics of interest include, but are not limited to:

- Design of polarization optical system;
- Polarization calibration;
- Polarization image processing;
- Polarization defogging;
- Polarization modulation device;
- Polarization detector;
- Multi-angle polarization detection;
- Multi-spectral polarization detection;
- Applications of polarized optical system

Guest Editor

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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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