Special Issue

Advances in Polarimetric Imaging: Innovations and Applications

Message from the Guest Editors

Polarimetric imaging is essential to a wide range of applications as it uncovers features invisible to traditional imaging sensors. Recent advances in device physics, nano-fabrication have greatly improved the compactness and performance of polarimetric detectors and polarimetric imaging systems. As such, these systems are providing innovative solutions to industrial imaging, bio-medical imaging, and defense. *Photonics*, an open access journal from MDPI, welcomes submissions for the Special Issue, "Advances in Polarimetric Imaging: Innovations and Applications". We welcome original research articles, reviews, and perspectives addressing various aspects of the design, fabrication of polarimetric imaging sensors, and their applications. The topics of interest include (but are not limited to) the following:

- Polarization imaging and its applications;
- Muller matrix imaging and its applications;
- Micro/nanofabrication;
- Metasurface;
- Liquid crystal optics
- Optoelectronic materials and devices for polarization control/detection.
- Optical system design, e.g., augmented reality (AR) display

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About the Journal

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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