

# Special Issue

## Polarized Light and Optical Systems

### Message from the Guest Editors

The purpose of this Special Issue is to introduce new polarization effects in light propagation, including tightly focused light beams, in subwavelength structures and waveguides as well as report on the development of new optical elements and devices for controlling, processing, and transmitting information. We invite you to present a research paper on the theoretical aspects and practical applications of polarized light in this Special Issue of *Photonics* on “Polarized Light and Optical Systems”. This Special Issue will feature original research articles as well as reviews.

- Polarization of light
- Optical coherence and polarization
- Evolution of polarization in an inhomogeneous medium
- Degree of polarization
- Depolarization of light
- Structured light beams
- Spin-orbit interaction
- Subwavelength structures and waveguides
- Polarization in optical fibers

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2022)



## Photonics

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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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### Editor-in-Chief

Prof. Dr. Nelson Tansu

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).

