

# Special Issue

## Visual Optics and Ophthalmology

### Message from the Guest Editors

To highlight this rapid and exciting scientific progress, we present a Special Issue of *Photonics* on “**Visual Optics and Ophthalmology**”, focusing on new and better ways to sense and correct refractive errors and high-order aberrations (e.g. presbyopia, cataract, myopia control and keratoconus), innovative imaging concepts with unprecedented sensitivity for anterior segment and retinal applications, automatic and semi-automatic image analysis methods, computer aided for diagnostic and treatment, novel sensitive biomarkers in ocular diseases or ocular biomarkers for systemic diseases, novel optical designs or implantable sensors in optical solutions, among other applications. For this, we call for the submission of multidisciplinary manuscripts in the fields of visual optics and ophthalmology, to provide a broad range of experimental, theoretical and clinical studies. Submissions could include original research papers, short communications and targeted reviews.

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### Guest Editors

Dr. Pablo Pérez-Merino  
Prof. Dr. Andres Vasquez Quintero  
Prof. Dr. Jos J. Rozema

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### Deadline for manuscript submissions

closed (31 July 2021)



## Photonics

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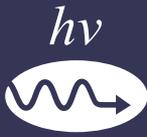


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## About the Journal

### 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

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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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).