Special Issue

Visible Light Communication (VLC)

Message from the Guest Editor

This special issue focuses on visible light communications (VLC) and spans both MDPI *Sensors* and *Photonics*. We welcome submissions on any topic in VLC, with particular interest in the following, nonexclusive, list of principal topics:

- Multitechnology VLC/x integration and transceiver design;
- High data rate links, channel modelling, and digital signal processing;
- Conventional and non-orthogonal modulation, coding, and multiple access;
- Optical camera communication;
- Underwater VLC;
- Intelligent transport systems;
- Mobility and integration of VLC into wider heterogeneous networks;
- Applications of neural networks and new architectures;
- VLC in healthcare sensing applications;
- Co-illumination/dimming and communication system design;
- Software-defined VLC, resource allocation, and multiuser system design.

Guest Editor

Dr. Chen Chen

School of Microelectronics and Communication Engineering, Chongqing University, Chongqing 400044, China

Deadline for manuscript submissions

closed (28 February 2022)



Photonics

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 3.5



mdpi.com/si/62322

Photonics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 photonics@mdpi.com

mdpi.com/journal/

photonics





Photonics

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 3.5



photonics



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.

Editor-in-Chief

Prof. Dr. Nelson Tansu School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q2 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).