

Special Issue

Latest Papers Related to OWPT 2023 on the Topics of Devices, Components and Systems

Message from the Guest Editors

Electrical power transmission is an essential function of equipment. Although wiring, batteries, and energy harvesting have been used, these methods have various problems. By solving the problem of power transmission, society can be further developed with new equipment and new services. We have decided to publish a Special Issue that contains the latest results. Although this field is related to energy and photonics technologies, it is configured by a wide range of technologies such as materials, devices, systems, and applications as described above. This Special Issue will target papers that are related widely to individual devices like light sources and light-receiving devices, functional integration, systems, and applications of optical power transmission.

Guest Editors

Dr. Tomoyuki Miyamoto

Institute of Innovative Research, Tokyo Institute of Technology,
Yokohama 226-8503, Japan

Prof. Dr. Motoharu Matsuura

Photonics Research Laboratory, University of Electro-Communications,
Tokyo 182-8585, Japan

Deadline for manuscript submissions

closed (31 January 2024)



Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



mdpi.com/si/156924

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

[mdpi.com/journal/
photonics](https://mdpi.com/journal/photonics)





Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



[mdpi.com/journal/
photonics](https://mdpi.com/journal/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).