



Novel Photonic Devices and Techniques

Guest Editor:

Dr. Luis M. G. Abegão

Institute of Physics, Federal
University of Goiás (IF/UFG),
Goiânia, Brazil

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editor

This Special Edition focuses on topics including, but not limited to:

- Agroindustry (plant production, plant protection, food processing, food analysis, sensing techniques, optical spectroscopy breakthroughs, animals, etc.);
- Environment (soil and water pollution sensors, fire detection systems, etc.);
- Medical and biological fields (novel photonic techniques, sensors, etc.)
- Materials and process design (innovative materials for light sources, nonlinear optics, etc.);
- Additive manufacturing (novel photonics materials to be used in 3D Printing);
- Domotics (security, comfort, convenience, energy efficiency sensors, etc.);
- The automotive industry (safety, comfort, convenience, energy efficiency sensors, etc.);
- The aeronautic industry (safety, comfort, convenience, energy efficiency sensors, etc.);
- The radiological field (industrial dosimetry, medical dosimetry, etc.);
- Optical spectroscopic studies (linear and nonlinear optics with potential to develop new photonic devices or techniques);
- Any other scientific or industrial subject related to an innovative photonic device or technique and its potential application.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nelson Tansu

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: CiteScore - Q2 (Instrumentation)

Contact Us

Photonics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/photonics
photonics@mdpi.com
X@Photonics_MDPI