

Special Issue

Current Research, Trends, and Prospects in Laser-Assisted Additive Printing Technology

Message from the Guest Editors

We are currently running a *Special Issue* of MDPI's journal *Photonics*. As , we cordially invite you to submit a manuscript for consideration and possible publication in this *Special Issue*, entitled "*Current Research, Trends, and Prospects in Laser-Assisted Additive Printing Technology*". The aim of this Special Issue is to cover relevant experimental and theoretical aspects from new technologies in this field to their applications, via the following topics:

- Laser-assisted additive printing technologies;
- Bio-printing for tissue engineering, scaffolding, and surface structuring for bioapplications;
- Additive fabrication of biosensors, synthetic biostructures, implants, and biodevices;
- Additive microfabrication in microelectronics, optoelectronics, flexible electronics, and organic electronics;
- Additive fabrication in electrical engineering (including radiofrequency and microwave engineering, photovoltaic cells and batteries, electrochemistry, etc.);
- Micro-/nano-additive structuring via nanophotonics for metallic, ceramic, and glass materials;
- Theoretical aspects of laser-assisted additive printing technologies: modeling/simulation research.

Guest Editors

Dr. Anne-Patricia Alloncle

Laboratoire LP3/UMR 7341 CNRS AMU, Campus de Luminy, 13009 Marseille, France

Dr. Catalin-Daniel Constantinescu

Aix-Marseille Université, CNRS, LP3 UMR 7341, 13009 Marseille, France

Deadline for manuscript submissions

closed (31 March 2026)



Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



mdpi.com/si/212026

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 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).