

# 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

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### Deadline for manuscript submissions

31 March 2026



## Photonics

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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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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).