



## Laser Processing of Bulk Metallic Glasses

Guest Editor:

**Dr. Wirginia Pilarczyk**

Faculty of Mechanical  
Engineering, Silesian University  
of Technology, Konarskiego 18a  
St., 44-100 Gliwice, Poland

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

Dear Colleagues,

this Special Issue of *Applied Sciences* has been dedicated to publishing the latest research works on the laser processing of amorphous/nanocrystalline materials. The main topics of interest include the following:

- Laser processing on the aspects related to metastable, amorphous, and nanostructured materials;
- Development of new laser techniques and processing;
- Fundamentals of laser–materials interactions;
- Developing parameters and methods to process bulk metallic glasses/nanocrystalline alloys across all feasible laser techniques;
- Lasers in additive manufacturing of amorphous/nanocrystalline alloys;
- Micromachining and microstructure laser modification of metastable alloys;
- Laser processing techniques and applications;
- Characterization methods and theoretical modelling amorphous/nanocrystalline materials after laser treatment;
- Ultrashort, ultrahigh power laser interactions with matter: fundamentals and applications.

For further reading, please visit the *Special Issue website*.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## 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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)