

# Special Issue

## Applications of Pulsed/Ultrafast Lasers in Spectroscopy, Biophotonics, and Micromachining

### Message from the Guest Editors

In recent years, pulsed/ultrafast lasers have been widely used for technological developments and scientific research. The unique properties of short pulse widths and intense peak powers have enabled progress in various fields of industry and research. The [Special Issue](#) intends to benefit and promote optics research at numerous laser labs around the world and influence the laser industry towards improved technological development of ultrafast lasers. Potential topics include, but are not limited to:

- Pulsed/Ultrafast laser spectroscopy and imaging;
- Lasers in biophotonic applications;
- Diffuse optics, Raman, fluorescence spectroscopy, chip-on-tip applications;
- Laser micromachining for industrial applications;
- Ultrafast laser inscription for lab-on-a-chip applications;
- Laser-matter interaction studies

The Special Issue will consist of original research articles, short communications, review papers, dataset compilations and perspective articles. We kindly invite you to contribute to the Special Issue and be part of this endeavour to promote laser science research and become visible to the interest of scientific community.

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### Guest Editors

Dr. Vibhav Bharadwaj

Institute for Quantum Optics, Ulm University, 89081 Ulm, Germany

Dr. Sanathana Konugolu Venkata Sekar

Biophotonics@Tyndall, IPIC, Tyndall National Institute, Lee Maltings, Dyke Parade, T12R5CP Cork, Ireland

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### Deadline for manuscript submissions

closed (30 September 2023)



## Applied Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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## About the Journal

### 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.

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### Editor-in-Chief

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

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