

## Special Issue

# Laser and Silicon Photonics: Technology, Preparation and Application

### Message from the Guest Editors

The development of laser technology has advanced human society into the photonic era, with silicon photonic technology having become the future development trend. This Special Issue of the *Applied Sciences* journal aims to broadly cover advanced laser technology, silicon photonics technology, their cross-integration and improve device performance through innovative chip design, preparation process or method, expected to be applied to emerging technologies such as the Internet of Things, laser communication, artificial intelligence, autonomous driving, life sciences and laser spectroscopy. For this Special Issue, we invite you to submit recent results related to "Laser and Silicon Photonics Technology: Preparation and Application". Experimental research and comprehensive review papers are welcome.

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### Guest Editors

Dr. Lei Liang

Prof. Dr. Lijun Wang

Dr. Yongyi Chen

Dr. Yuxin Lei

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### Deadline for manuscript submissions

closed (30 June 2023)



## Applied Sciences

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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  
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