

Special Issue

Highly Efficient UV and Visible Light Sources

Message from the Guest Editors

The progress in the development of light sources for different regions of the electromagnetic spectrum has been non-uniform, primarily due to the introduction of appropriate materials and technological advances. The near-IR region has seen tremendous development, and, nowadays, has benefited the most efficient light sources. However, countless applications of visible wavelengths, ranging from lighting to visible light communication and biomedical applications, will greatly benefit from the progress made in the development of efficient light sources. Topics of this Special Issue include, but are not limited to, the following:

- III-V semiconductor lasers and LEDs
- LED efficiency droop: mechanisms and mitigation
- UV light sources
- New visible lasers and LEDs concepts and optimisation
- Defects and their effects on emission efficiency
- Visible light sources via frequency conversion and efficiency
- Visible light for biophotonics and emerging applications

Guest Editors

Prof. Dr. Edik U. Rafailov

Dr. Grigorii Sokolovskii

Dr. Evgeny Zherebtsov

Dr. Amit Yadav

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@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.

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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