



Highly Efficient UV and Visible Light Sources

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Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

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

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Message from the Editor-in-Chief

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