Special Issue

Organic Light-Emitting Diodes: Recent Breakthroughs and Future Directions

Message from the Guest Editors

Organic light-emitting diodes (OLEDs) have been continuously developed over past three decades, with academic and industrial sectors focusing on exploring the advancement of materials as well as manufacturing processes associated with OLED technology. Thanks to these efforts, OLEDs currently have extensive applications in the realms of smartphone screens, television displays, automotive interfaces and even lighting panels. However, there are still some gaps to fill with premium OLED technologies in terms of AR/VR displays and/or solid lighting applications. Hence, we are launching a Special Issue to gather significant contributions from OLED experts or researchers. Original manuscripts (full length or reviews) may cover, but are not limited to, the following topics:

- Novel OLED materials (TADF, HLCT, MR-emitters, etc.);
- Novel OLED devices (tandem OLEDs, PIN OLEDs, hyperfluorescence OLEDs, transparent OLEDs, and TTAUC OLEDs);
- OLED light extraction technology;
- Approaches for elongating OLEDs' operational lifetime.

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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