Special Issue

Visible Light Communications

Message from the Guest Editors

With the evolution of 6G technology, visible light communication technology, as one of the candidate technologies, has attracted significant attention, which is an important opportunity to promote the development of visible light communication technology. Thus, 6G technology poses many challenges to visible light communication technology. What are these challenges and how do we deal with them? This Special Issue invites manuscripts that introduce the recent advances in “visible light communications for 6G”. All theoretical, numerical, and experimental papers are accepted. Topics include, but are not limited to, the following:

- Visible light communication challenges in 6G
- New light sources and detectors;
- Modulation and demodulation technologies;
- Pre-emphasis and post-equalization technologies;
- Nonlinear problems in visible light communication technology;
- AI in visible light communication technology;
- Underwater optical wireless communications;
- Visible light communication networking technology;
- Li-Fi.

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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