



Visible Light Communications

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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.

