



## Next-Generation Optical Wireless Communication (OWC)

Guest Editors:

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### Message from the Guest Editors

This Special Issue shall focus on representing a broad range of optical wireless communication applications focused on 6G as well as other disciplines, from both academic research and industry application perspectives. Topics of interest include but are not limited to:

- Optical wireless communication (OWC);
- Free-space optical communication (FSO);
- Visible light communication (VLC);
- Underwater wireless optical communication (UWOC);
- Visible light positioning (VLP);
- Optical camera communication (OCC);
- VLC system based on micro–nano devices;
- New structure LED and photodetectors;
- Luminescent materials for white lighting;
- Optical components or integrating techniques;
- Silicon optical chip and its application in OWC systems;
- Optical beam forming or steering techniques;
- Energy-harvesting OWC systems;
- Low-cost VCSEL for OWC uplink systems;
- Real-time VLC systems based on FPGA;
- New multiple access techniques for multi-user VLC systems;
- Novel encryption, modulation, and coding algorithms;
- Optical-orthogonal frequency division multiplexing (O-OFDM);
- Spatial channel modelling for OWC.

