



Emerging Application of Optical Wireless Communication Technologies in 6G Communication

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Message from the Guest Editors

In this Special Issue, we seek to explore emerging applications and technologies which will be suitable for beyond 5G and 6G and rely on OWC technology. We wish this Special Issue to offer an early platform to showcase and stimulate a lively debate on the 6G applications that OWC could support. We solicit and encourage researchers to present papers with original and recent developments covering various topics of interest that include, but are not limited to, the following:

- OWC system and network architectures for 6G
- Spectrum and channel modeling for 5G and towards 6G
- Multi-level machine learning pipelines in 5G and towards 6G
- Massive MIMO and beamforming techniques for 6G systems
- 6G satellite communications
- 5G and beyond towards 6G testbeds and experimentation
- Security, secrecy and privacy schemes for 5G and towards 6G
- Distributed computing for 5G and towards 6G
- Quantum optical networks and quantum machine learning in 6G
- Mobile AI applications in 6G

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Special Issue



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