

Special Issue

New Challenges in Wireless and Free Space Optical Communications

Message from the Guest Editor

In this Special Issue, we solicit state-of-the-art approaches and key technologies for the design, development, and deployment of future wireless and optical communication systems. **Topics include but are not limited to:**

- Security issues for high-speed interference-free multiuser wireless communications;
- Challenges in design and deployment of robust FSO systems;
- Advanced future perspectives in FSO;
- Low-latency, high-reliability optical communications for heterogeneous network;
- Interference issues for multiuser optical communications;
- Challenges in optical scattering communications;
- Terahertz communications;
- Holographic data transmission;
- Orbital angular momentum for wireless and optical communications;
- Efficient computing and low-complexity AI algorithms for optical communications;
- Machine learning, AI, Deep learning, ANN approaches for error-free communications;
- Indoor/outdoor visible light communications;
- Ultraviolet communications for indoor/outdoor applications;
- Underwater optical communications;
- Air-to-sea (or ground) communications.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2022)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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