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Optical Fiber and Optical Communication

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

The scope of this Special Issue is concentrated on cuttingedge research in established areas of Optical Fiber and Optical Communication. The scope of this Special Issue includes, but is not limited to, the following topics:

- 1. Multi-band (MB) optical transmission and switching.
- 2. Optical Xhaul for 5G and beyond.
- 3. Optical Communication exploiting photonic integrated circuits.
- 4. Multi-mode/few-modes/multi-core optical spatial division multiplexed (SDM) networks.
- 5. Optical network control, management, and orchestration, including SDN and NFV solutions.
- 6. Slicing, service chaining, virtualization, and multitenancy techniques.
- 7. Novel network telemetry and real-time monitoring technologies for optical communication.
- 8. Impact of the hollow fiber revolution on optical network design.
- 9. Energy efficiency.
- 10. Optical sensing.
- 11. Data-center networking.
- 12. Open and disaggregated optical networks.
- 13. Free Space Optics.
- 14. Natural disaster management using optical communication.
- 15. Network telemetry real-time monitoring.
- 16. Visible Light Communications.











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Message from the Editor-in-Chief

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