

Optical Fiber Communication Systems

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Deadline for manuscript
submissions:

closed (10 November 2022)

Message from the Guest Editors

Dear Colleagues,

With the rapid development of cloud computing, virtual reality (VR), artificial intelligence, and other services, the demand for network traffic is rapidly increasing. To meet the demands of future large-capacity networks, optical fiber communication systems have been the key form of technology, which supports the high-speed transmission of information all over the world, especially in the presence of the COVID-19 pandemic, when the world, at present, requires more Internet data usage than before.

The current Special Issue aims to collate the scientific research that includes advanced coded modulations, ultra-wideband transmissions, space division multiplexing technology, and digital signal processing algorithms, which can support the high-speed large-capacity transmission system. In particular, we encourage submissions that are concerned with the theoretical (simulation) and experimental research on optical fiber communication systems. We also welcome submissions of both contributed articles and review papers.

We look forward to receiving your contributions.

