Special Issue

Time and Frequency Transfer over Fiber Link

Message from the Guest Editor

Recent developments in the field of time-frequency transfer have led to renewed interest in many areas, including fundamental physics measurements, precision navigation, coherent radar array, and 5G. The requirements of these applications include increased stability and reduced cost, power consumption, complexity, and anti-interference. Therefore, there is a growing trend in developing time and frequency over fiber transmission systems to meet the abovementioned requirements. To further advance the field of time-frequency transfer, we encourage you to submit your work to this Special Issue. Specific areas of interest in the topic include (but are not limited to) the following: (a) Low noise coherent laser source, including mode-locked lasers; (b) High-precision phase discrimination technologies; (c) High-stability optical frequency transmission systems; (d) Relay technologies for long-haul transmission; (e) Application opportunities for RF over fiber systems, such as phase array feed (PAF), photonics-based coherent radar, or 5G.

Guest Editor

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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