Special Issue

Novel Specialty Optical Fibers and Applications

Message from the Guest Editors

Novel specialty optical fibers refer to optical fibers that have been engineered in materials and structures and been post-processed for novel functionalities and applications. The optical properties in novel specialty optical fibers can be manipulated to achieve optimum performance, resulting in numerous important applications. For example, photonic crystal fibers represent a versatile platform to integrate disruptive technologies for new applications. The holey structures allow flexible controllability in designing their waveguide properties, as well as feasibility in developing multifunctional devices for sensing applications. This Special Issue aims to present the highlight of the latest applications for novel specialty optical fibers. Both original research papers and review papers that focus on the design, development, and applications of novel specialty optical fibers are welcome.

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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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