



Photonic Crystal Fiber

Guest Editor:

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submissions:

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Message from the Guest Editor

The conventional optical fibers had a lasting impact on the socio-economic advance around the globe. However, there is limited prospect for further improvement. The emergence of photonic crystal fibers (PCFs) have raised the hopes for a new leap beyond what is currently possible. Today, PCFs had been applied in a wide range of avenues, including optical communications, optical amplifiers, lasers, nonlinear optics, ultra-high power transmission, sensing, and many more. This special issue aims to contribute meaningfully to a large body of existing work in the field in a way pointing to resources that are novel, scientifically intriguing, or technologically relevant. It is encouraged to submit papers on the topics including but not limited to ultra-low-loss transmission, quantum communications, new light sources and amplifiers, gyroscopes, resonators, basic optical toolbox elements, plasmonics, metamaterials, and high-resolution imaging and detection.





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Message from the Editor-in-Chief

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