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Advanced Fiber Photonic Devices and Sensors

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Structured optical fibers such as photonic crystal fibers, multicore fibers, and microfibers have attracted intense interest and have been widely used in lasers, telecommunications, and sensing applications. The structural freedom of these types of specialty optical fibers opens up new sensing applications. The development of advanced fiber photonic devices and technologies is key to supporting their potential industrial applications.

This Special Issue is addressed but not limited to the topics below. Original papers, letters and reviews are all welcome.

- Interconnects of specialty optical fibers;
- Coupling mechanism and devices of structured optical fibers;
- Polarization devices of structured optical fibers;
- Photonic crystal fiber sensors;
- Optical microfiber sensors;
- Multicore fiber sensors;
- Fiber-based Internet of Things.

For detailed information, please visit [here](#).

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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