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## Advances in Optical Fibers, Devices and Applications

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Deadline for manuscript submissions:

**closed (15 June 2023)**

### Message from the Guest Editors

Optical fiber technologies have achieved major advances in the last few decades, and have fundamentally reshaped the way we see, the way we sense, the way we communicate, and the way we live. They are especially well developed in the telecommunication industries and have great potential in new application fields such as sensing, lighting and industrial purposes. In addition to serving as transmission media, optical fibers have been used to realize several types of optical devices, namely optical amplifiers, broadband sources, optical sensors, and fiber lasers. The rapid progress in optical fiber technology can be attributed to the continuous research efforts on the development of improved optical fibers, new optical devices, and new applications.

The aim of this Special Issue is to feature recent advances in the specialty optical fibers, optical fiber devices, and other applications, in terms of, but not limited to, fiber material and properties, design and fabrication, light localization structures, fiber surface functionalization through sensitive and/or transducing techniques, as well as fiber sensing systems.



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic.

*Crystals* is a good platform for dissemination of knowledge in this area.

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