



## Structure, Properties, and Applications of Optical Glass and Fiber

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### Message from the Guest Editor

Dear Colleagues,

Optical glasses and fibers not only transmit light, but can amplify light and produce a novel light source that covers a wide spectral range from ultraviolet to infrared, depending on the glass host systems and fabrication techniques. The glass host systems include, but are not limited to, silica, silicate, borate, phosphate, etc. The glass composition and structure co-determine the thermal, mechanical, physicochemical, and optical properties of the produced glasses. For optical fibers, their structural parameters and fabrication techniques play equally important roles in controlling their properties. The high flexibility in regulation of their performance through composition–structure tailoring makes optical glass fibers find increasingly wide applications in high-power laser producing, amplifying, transforming, and advanced fiber sensing, etc.

This Special Issue aims to present the latest works and findings of optical glasses and fibers which give contributions to the glass science and technology and fiber photonics. It is our pleasure to invite you to contribute.

Prof. Pengfei Wang

Guest Editor





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## Message from the Editor-in-Chief

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