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## New Technology and Applications of Fiber Bragg Grating Sensors

Guest Editor:

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Optical fiber Bragg grating (FBG) sensors, beyond their applications in communications, have become hugely successful for sensing applications in the oil and gas industry, civil engineering, and aircraft industry. Recently, new FBG sensing technologies have been expanding their applications to new scenarios including medical instruments, large scientific facilities, space exploration, robotics, etc.

In this Special Issue, we warmly invite you to submit manuscripts relevant to new technology and applications of FBG sensors.

Topics include but are not limited to the following:

- New grating structure;
- FBGs in polymer fibers, single-crystal fibers, multicore fibers and other special fibers;
- Femtosecond laser direct writing of FBGs;
- Applications of FBG sensors in harsh environments;
- Grating sensors for physical and biochemical measurements;
- FBG sensor demodulation method;
- Field test of FBG sensors;
- New application scenarios of FBG sensors.



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# Special Issue



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## Message from the Editor-in-Chief

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