



Fiber Bragg Grating Sensors: Recent Advances and Future Perspectives

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Message from the Guest Editor

Dear Colleagues,

This Special Issue wishes to explore one of the most popular trends of relevance to *Sensors*, which represents an influential platform for the exchange of scientific knowledge in the field of fiber Bragg gratings and sensor systems based on them.

This issue is dedicated, but not limited, to the following topics:

- Modeling and simulation of FBGs;
- Fabrication of FBGs;
- FBGs in different classes' optical fibers;
- Multiparameter FBG sensors;
- Sensors on shifted, chirped, tilted, superstructured, etc. FBGs;
- High-speed optoelectronic interrogation methods;
- Microwave photonics interrogation methods;
- FBG sensors in dynamic measurements;
- FBG sensors in quasistatic measurements;
- FBG sensors in DTS, DTSS, and DAS systems;
- FBG sensors in onboard applications;
- FBG sensors in medicine and living systems monitoring;
- Dual nature of FBGs as elements of sensor and telecommunication systems;
- Historical and future trends reviews.





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Message from the Editor-in-Chief

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