



## Applications of Optical Fiber Sensors

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue highlights studies and applications and addresses new technologies related to optical fiber sensors, together with emerging standards and research topics that would push forward the realization of smart cities and the Internet of Things. Research areas may include, but are not limited to, the following:

1. Novel theories and concepts for fiber-optic sensing;
2. New fiber design and fabrication for sensing applications;
3. Modeling reliability analysis of fiber-optic devices, circuits, and systems;
4. Circuit and system design and optimization for emerging remote sensing technologies;
5. Digital signal processing in fiber-optic sensor networks, and sensor fusion techniques with multi-modal data;
6. Thermal-aware electronics, system-on-chip, and network-on-chip combined with fiber-optic sensing systems;
7. Innovative fiber-optic sensor design and verifications with high accuracy and reliability;
8. Application of fiber-optic sensors in any area including healthcare, bio-sensing, smart homes, smart cities, environment monitoring, structural health, battlefield surveillance, robotics, and oil and gas leakage.



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# Special Issue



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## Message from the Editor-in-Chief

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