

## Special Issue

# Trends and Prospects in Optical Fiber Sensors

### Message from the Guest Editors

This Special Issue focuses on the emerging trends and applications of fiber-optic sensors in Industry 4.0 (predictive maintenance, the measurement of electrical and magnetic quantities, temperature and vibration sensors, etc.), smart cities (IoT sensors, automobile and rail transport, product pipelines leakages, smart waste management, structural health, fire detection, etc.), and biomedical engineering (magnetic resonance sensors, smart home care, wearable sensors, in vitro and in vivo sensors, etc.). The Special Issue will focus (but not exclusively) on the following types of fiber-optic sensor technologies:

- Fiber-optic and polymer Bragg gratings.
- Distributed systems based on Rayleigh, Raman, and Brillouin scattering.
- Fiber-optic interferometric and polarimetric systems.
- Intensity sensors.
- Micro- and nano-structured fiber sensors.
- New emerging concepts for photonic sensing.

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### Guest Editors

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Dr. Rui Min

Prof. Dr. Yang Yue

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### Deadline for manuscript submissions

closed (15 March 2024)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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