

Special Issue

Fiber Optic Sensors and Application

Message from the Guest Editor

This special issue invites real world applications addressed by specific sensing modalities, being distributed fiber sensors, fiber Bragg grating sensors, interferometric sensors, or any novel fiber optic sensors, to gather the data by using the transmission, reflection & scattering properties of fiber as it reacts to local forces (eg: Rayleigh, Raman & Brillouin scattering). Each method is chosen to best serve an application based on the distance, accuracy/resolution, and speed of measurement required. This Special Issue welcomes contributions from all aspects of the recent research and development related to fiber optic sensors and a wide spectrum of applications that include, but not limited to:

- Security
- Maritimes
- Aerospace
- Material science
- Civil engineering
- Lightweight structures
- Geotechnical areas
- Chemical
- High-voltage substations

Guest Editor

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).