



## Advances in Optical Fiber Sensors

Guest Editor:

**Dr. Paulo Caldas**

1. School of Technology and  
Management, Polytechnic  
Institute of Viana do Castelo,  
4900-348 Viana do Castelo,  
Portugal

2. Centre for Applied Photonics  
(CAP), Institute for Systems and  
Computer Engineering,  
Technology and Science – INESC  
TEC, 4150-179 Porto, Portugal

Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

Dear Colleagues,

Interest in sensors based on optical technology and, in particular, those based on optical fibers grew rapidly in the last years. High-performance sensor devices and platforms with high-sensitivity, selectivity, and a low limit of detection values have been proposed.

This Special Issue dedicated to optical fiber sensors, will focus on recent advances and developments in optical sensor technology. This can be in the form of an original research paper or review. The goal is to gather contributions on various aspects related to optical fiber sensors, namely, new types of optical fibers, optical sources, devices in optical fibers (FBG, LPG, interferometers, etc.), and their applications.

I hope this Special Issue will provide the scientific community with a thorough overview of current research on optical fiber sensors.

Prof. Dr. Paulo Caldas

*Guest Editor*

