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Advances in Fiber Optic Sensors and Their Application

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Over the last few decades, recent advances in fiber optic technology have significantly changed the telecommunications industry. In fact, the ability to carry gigabits of information at the speed of light has increased the research potential in optical fibers. In the process of fiber optic developments, different research studies have been carried out focused on the suitable design of fibers. In particular, the ability to realize and develop fiber optic sensors that are able to displace traditional sensors for rotation, acceleration, electric and magnetic field measurement, temperature, pressure, acoustics, vibration, linear and angular position, strain, humidity, viscosity, chemical and biological measurements, and a host of other sensor applications has been enhanced. <false,>This Special Issue of the journal Applied Sciences “Advances in Fiber Optic Sensors and Their Application” aims to attract recent results in the field of fiber optic sensors—in particular, new detection mechanisms, materials, processes, and different field applications.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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