Special Issue

Optical Fiber Anemometers

Message from the Guest Editor

The measurement of flow or velocity is important for many applications in chemical engineering, in the energy and aerospace industries, in medical equipment technology, in the aviation industry, in high-voltage transmission networks, in meteorology, in environmental monitoring, and in indoor climate control. In recent years, flow measurement using optical-fibre-devicebased conventional hot-wire anemometers (HWAs) has been proposed, as have optical configurations based on hot-wire anemometry. As research in this field continues to mature, it is crucial to consolidate and share the latest breakthroughs, insights, and innovations. This Special Issue aims to provide a comprehensive overview of state-of-the-art developments in, understanding of, and diverse applications of optic hotwire anemometers, fostering further research and addressing the challenges faced by modern optical fiber systems. In this Special Issue dedicated to optic hotwire anemometers, original research papers as well as reviews are welcome. Keywords:

hot-wire anemometers; optical sensors; heat transfer; flow measurements

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About the Journal

Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

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