

Special Issue

Fiber-Optic Transmission and Networking

Message from the Guest Editor

The invention of the optical fiber has revolutionized different areas, such as optical communications and sensing. At the same time, it has led to many innovations in different devices, such as light sources (e.g., LEDs and lasers), photodetectors, optical waveguides, couplers, polarizers, and modulators. In recent years, all these inventions have gone beyond optical communications and are now applied to computers, interconnects, autonomous vehicles, and artificial intelligence. Although the devices can be applied to optical fiber communications, it would be better for them to find specific applications in sensors such as LIDARs, vision systems, autonomous vehicles, and chemical and biological sensing. This Special Issue invites papers that cover (but are not limited to):

- Optical fibers
- Light sources (lasers and LEDs)
- Photodetectors
- Optical devices in general
- Optical networks and interconnects
- Vision and imaging systems

Guest Editor

Dr. Haroldo Takashi Hattori

School of Engineering and Information Technology, The University of New South Wales, Australian Defence Force Academy, PO Box 7916, Canberra BC, ACT 2610, Australia

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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