

Special Issue

Integrated Photonic Sensors

Message from the Guest Editor

Sensing is becoming a key application domain of integrated microphotonics, and there is an increasing research effort for developing many classes of sensors, such as biosensors, gas sensors, inertial sensors, and so on, based on this enabling technology. The Special Issue will provide a forum for the latest research activities in the field of integrated microphotonic sensors and their applications. Both review articles and original research papers are solicited in, though not limited to, the following areas:

- Silicon photonic sensors;
- Chip scale biosensors and gas sensors;
- Integrated microphotonic inertial sensors and pressure sensors;
- E-field integrated photonic sensor;
- Readout techniques for integrated microphotonic sensors;
- Novel applications of integrated microphotonic sensors.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2020)



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About the Journal

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.

Editor-in-Chief

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