Special Issue

Advancements in Photonic Sensors and Their Applications

Message from the Guest Editor

Technological innovations and applications drive progress in photonic sensors. . An interesting and significant area here is the increasingly widespread use of approaches related to machine learning, including the formalization of the sensor head's classification of measurement results into a form understandable to the sensor's end user. It should be noted that photonic sensors are often used as essential modules in interesting control and measurement systems, the names of which are related to the primary function being performed. Such applications are associated with dedicated integration and information processing methods, which I also believe is worth noting. In this special edition, I aim to highlight the importance of integrating photonic technology with information processing methods, including machine learning techniques, in the development of photonic sensor applications. *: Michal Borecki*

Guest Editor

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