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Advanced Photonic Sensing and Measurement II

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Message from the Guest Editors

In the continuation of the momentum generated by the successful "Advanced Photonic Sensing and Measurement" special issue, we embark on a new chapter of exploration. Over the past decade, the landscape of scientific progress has been witness to remarkable strides in photonics, leading to a seismic shift that displaces traditional technologies. With an unwavering commitment to amplify the impact of this swiftly evolving field, we are thrilled to introduce yet another Special Issue that stands as a continuum of excellence. This platform aims to unite experts, cultivating innovative solutions for the imminent challenges in photonic sensing and measurement.

The scope of this Special Issue spans a wide horizon, including but not limited to the following facets:

- Optical fiber sensors;
- Biophotonics;
- Fiber-optic spectroscopy;
- Quantum optics for sensing;
- Nonlinear optical techniques for sensing;
- Ultrafast laser-based sensing;
- Photonic crystal sensors;
- Biochemical sensing using photonics;
- Optical nanosensors;
- Remote sensing using photonics;