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Recent Advance of Optical Measurement Based on Sensors

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Message from the Guest Editors

Dear Colleagues,

Optical measurement processes use light to make non-contact measurements of the properties of a test object. Optical measurement has the advantages of precision, speed and short response time. Optical measurements have a wide range of applications, such as microscopes, telescopes, sensors, etc. The combination of optical measurement and sensors undoubtedly opens up wider applications for optical measurement and plays an important role in science and engineering.

This Special Issue invites manuscripts that introduce “Recent Advance of Optical Measurement based on Sensors”. All theoretical, numerical, and experimental papers are welcome. Topics include, but are not limited to, the following:

- Optical measurement and instruments;
- Fiber optic sensing;
- Optical imaging;
- Spectral measurement;
- Photoelectric sensing and applications;
- Interferometric measurement;
- Optical navigation and equipment;
- Microscopy.



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Special Issue



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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.

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