Special Issue

Optical Humidity Measurement: Sensors and Applications

Message from the Guest Editors

There is a growing demand for both (a) simple and low-cost humidity sensors and (b) large-area monitoring, high-end humidity sensors. The development of optical humidity sensors will help fuel the growth of industries and elevate healthcare, leading to improvements in the quality of services and yield of production. This Special Issue attempts to highlight some of the recent progress in optical humidity sensors and relevant methods, including but not limited to: **Sensors and Sensing Systems:**

- Point optical humidity sensors
- Distributed fiber-optic humidity sensors
- Sensor signal processing
- Machine learning of measurement data
- Internet of things (IoT) platforms

Application:

- Environmental monitoring
- Smart agriculture
- Smart building/smart civil infrastructure
- Smart health monitoring
- Smart manufacturing and industries

Guest Editors

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Deadline for manuscript submissions

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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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