

Special Issue

Humidity Sensors: Advances in Reliability, Calibration and Application

Message from the Guest Editors

Humidity detection has come a long way since the use of wet bulb psychrometry. Many electronic sensor-based methods are becoming available for detecting and reporting relative humidity. However, as one moves further away from the physical measurement of any property, the issues of reliability and accuracy of calibration become increasingly important. In the case of humidity, the property of the sensor that enables the measurement to be made can also be the property that can lead to problems with the calibration and sensitivity, as well as recovery of the sensor: all of which can limit uptake and application of the sensors. The aim of this Special Issue is to present some of the possibilities that humidity sensors offer, focusing on the different configurations that can be used and novel applications in any field. In addition, selected high quality papers from IFOST 2018 (<http://www.ifest2018.org/IFOST2018/>) will be invited for further consideration regarding publication in this Special Issue. [...] Link: http://www.mdpi.com/journal/sensors/special_issues/humidity_sensors.

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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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