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Sensors for Precision Dimensional Metrology

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Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to bring together researchers active in the research, development, calibration and characterization of sensors that are applied in dimensional metrology in order to achieve the highest accuracy and thus the lowest uncertainty.

In the continuous development towards higher speed, lower cost, more data, smaller acquisition times, better traceability, less user intervention, more autonomous systems, the development, characterization and calibration of sensors is even more imperative than before.

I cordially invite you to share your work, expertise and insights, with the dimensional measurement and calibration community, in the form of research articles and reviews.

- Sensor
- XCT
- Interferometry
- Digital Holography
- Capacitive sensor
- LVDT
- Calibration
- Traceability
- Chromatic confocal sensor

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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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