

Special Issue

Mechanical Sensors in the 70th Anniversary of the Piezoresistive Effect

Message from the Guest Editor

To mark the 70th anniversary of the discovery of the piezoresistive effect, this Special Issue invites proposals for new reviews and original research papers dealing with mechanical sensors. Topics can include (but are not limited to) the following:

- Sensor technology, such as strain gauges, capacitive sensors, and piezoelectric sensors, on both the macroscopic and microscopic scales, including modelling, simulations, and/or experimental testing;
- Interface read-out circuits for mechanical sensors, including new measurement techniques, low-power designs, and circuits for the compensation of parasitic components;
- Applications of the piezoresistive effect, such as in the industrial, biomedical, and aerospace fields.

Guest Editor

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Deadline for manuscript submissions

closed (25 January 2026)



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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.

Editor-in-Chief

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