

Special Issue

Design of Generic or Specific Interfaces for Smart Sensors

Message from the Guest Editors

Original research and review papers are welcome.
Topics of interest include, but are not limited to:

- generic or specific analog front ends for resistive and/or capacitive sensors
- sensor front ends with direct digital output: R (or C)-to-time conversion, R (or C)-to-frequency conversion, PWM output, $\Sigma\Delta$ output, etc.
- analog to digital conversion
- integration in the interface of smart functionalities such as self-test, self-calibration, data fusion, and error correction
- design methods: automatic tools for sensors' interface design, co-simulation of sensors and electronics

Keywords: smart sensors; MEMS; analog front end for sensors; conditioning interfaces for sensors: analog to digital conversion

Guest Editors

Dr. Frederick Mailly

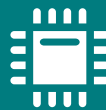
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Deadline for manuscript submissions

closed (20 January 2023)



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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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