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Design of Generic or Specific Interfaces for Smart Sensors

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Deadline for manuscript
submissions:

closed (20 January 2023)

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



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Special Issue



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Message from the Editor-in-Chief

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