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Sensors and Analog Front-End Circuits for IoT Systems and High Sensitivity Measurements

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Deadline for manuscript submissions:

closed (30 June 2024)

Message from the Guest Editors

Dear Colleagues,

IoT systems use many sensors and their analog front-end circuits are very important; they should be low-cost, low-power and be of small size. On the other hand, high-sensitivity measurement sensors for weak signals are performance-oriented. This Special Issue deals with sensors and analog front-end circuits for IoT systems and high-sensitivity measurements, including the design, calibration and testing technologies as well as the novel concepts. New sensors and new architectures of analog front-end circuits for IoT systems and high-sensitivity measurements are covered in this Special Issue. The related technologies to achieve a high performance, low cost, miniature size, one-chip integration, board integration, high reliability, calibration for high accuracy, and testing for mass production as well as the following digital signal processing algorithms and systems are also covered. We are looking for original contributions to these areas.

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Special Issue



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Message from the Editor-in-Chief

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