

Special Issue

Sensors and Analog Front-End Circuits for Sensing Systems and High Sensitivity Measurements: 2nd Edition

Message from the Guest Editors

Recent sensing 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 sensing 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 sensing systems and high-sensitivity measurements are covered in this Special Issue. The related technologies to achieve 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.

Guest Editors

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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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