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Integrated Circuit and System Design for Health Monitoring

Guest Editors:

Dr. Glenn Cowan

Department of Electrical &
Computer Engineering,
Concordia University, Montreal,
QC, Canada

Dr. Vinicius G. Sirtoli

Department of Electrical and
Computer Engineering,
Concordia University, Montreal,
QC, Canada

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Message from the Guest Editors

Dear Colleagues,

Advances in technology are leading to ever smaller devices accompanied by the democratization of nanotechnologies. Hence, nowadays most researchers across the globe have access to integrated circuits and systems.

The healthcare area is especially benefited by these sorts of devices because they allow the embedding of medical equipment into daily life objects and clothing. Hence, people can have real-time access to health quality information, which facilitates preventive medicine, speeds intervention when needed, and reduces costs of medical infrastructure.

In this special issue of MDPI Sensors, the goal is to provide readers with the latest original research and review papers on integrated circuits and systems aimed at monitoring and assessing health quality. Researchers investigating integrated designs in the following areas are urged to contribute.

- Biopotential recording
- Bioimpedance and bioelectricity
- Wearable devices
- Sensor networks and multi-modality sensing devices
- Front-end circuits
- Rehabilitation tools
- Swallowable and implantable devices
- Prosthetics and biorobotics
- Haptics
- Biosensors



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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