



sensors



an Open Access Journal by MDPI

Saving Limbs and Lives-Sensing and Monitoring Technologies for the Diabetic Foot

Guest Editors:

Prof. Dr. Neil D. Reeves

Department of Life Sciences,
Faculty of Science and
Engineering, Manchester
Metropolitan University, Oxford
Road, Manchester M1 5GD, UK

Prof. Dr. Christopher Nester

School of Health & Society,
University of Salford, Salford M5
4WT, UK

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

Diabetic foot ulcers (DFU) represent one of the most challenging complications of diabetes. One in three people with diabetes develop a foot ulcer, and many cases require amputation.

Primary prevention of DFU is the key to addressing this health issue. However, prevention is challenging because of the complexity of health behaviours that lead to most cases of diabetes and specific foot factors including diabetic peripheral neuropathy. Major opportunities exist for sensing and monitoring technologies that can help support patients to better manage their foot health and health behaviours important to diabetes management, and work towards preventing DFU and subsequent amputations.

This Special Issue will address topic areas that support diabetes patients to screen, measure and monitor key parameters and foot health indicators, with examples of data signals including the foot temperature, pressure, blood flow/pressure, humidity, visual images/scans and other technologies that are markers of health behaviours impacting foot health. This can include early-stage engineering, information communication and technology development, or later-stage applied patient trials.



mdpi.com/si/122729

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)