

## Special Issue

# Contactless Sensors for Healthcare

### Message from the Guest Editors

Monitoring based on contactless sensing is an emerging research topic with numerous biomedical and healthcare applications. Various contactless sensors, such as remote optical, radio frequency, acoustic, capacitive, and magnetic sensors, can be exploited to measure physiological signals (e.g., heart rate, respiration rate, blood oxygen saturation, blood pressure, skin temperature) and activity signals (e.g., movement, emotion, context) from a human body to assess health conditions. The fusion of different sensor streams is a source of new insights into health informatics. This Special Issue will highlight, but is not limited to, the following directions:

- Innovative or improved sensors and sensor fusion for contactless health monitoring;
- Novel approaches (methodologies or algorithms) for processing the sensory information (e.g., signal/image processing, data analysis, AI);
- New applications and studies for contactless health monitoring (e.g., clinical trials, use cases in combating COVID-19).

We look forward to receiving your high-quality and original research work and welcome your participation in this Special Issue.

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### Guest Editors

Dr. Wenjin Wang

Prof. Steffen Leonhardt

Prof. Daqing Zhang

Dr. Bert den Brinker

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### Deadline for manuscript submissions

closed (30 April 2022)



## Sensors

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## About the Journal

### 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.

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### Editor-in-Chief

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