

## Special Issue

# Sensor Based Pattern Recognition and Signal Processing

### Message from the Guest Editors

With demographic shift associated with the aging population, there are growing demand on pervasive health monitoring and management for both cognitive and physical declines. Applying various wearable, implantable, or peripheric sensors, intelligent perception systems can provide a 24/7 monitoring of users at any environment, recognize intents, emotions and behaviors of the users, and predict potential risks for diseases at the early stage. Besides, dedicated AI technologies designed for intelligent perception systems can promote the performance of healthcare applications. This special issue aims to highlight new achievements in intelligent perception areas including but not limited to the following topics such as signal denoising, multi-modal data fusion, pattern recognition, AI algorithms etc.

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### Guest Editors

Prof. Dr. Xun Chen

Dr. Juan Cheng

Dr. Rencheng Song

Dr. Xinrui Cui

Dr. Yao Guo

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### Deadline for manuscript submissions

closed (1 April 2023)



## Sensors

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*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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