

Special Issue

Intelligent Systems and Sensors for Assistive Technology

Message from the Guest Editors

According to the World Health Organization, Assistive Technology (AT) enables and promotes inclusion and participation, especially of persons with disabilities, aging populations, and people who have conditions such as diabetes and stroke. Examples of assistive products include hearing aids, wheelchairs, spectacles, prostheses, and devices that support memory, among many others. In a broader sense, AT can refer to any instrumentation or system aimed at making easier daily-activities, such as driving, working, or to assure safety and security; at the other end of the spectrum, it can be an enabler of new capabilities, such as supporting remote diagnosis or surgery in medical contexts. In the past few decades, scientific progress has led to new AT solutions which leverage multidisciplinary knowledge in the fields of micro-nano sensors, embedded systems, robotics, computer vision, IoT, psychology, wireless networks, medicine, Human-Machine Interaction, advanced materials for sensing, image and signal processing, data fusion, machine learning, and so on. For more information, please visit: mdpi.com/si/57138

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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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