

Special Issue

State-of-the-Art Wearables Technology in USA

Message from the Guest Editors

With the rapidly changing global landscape of digital technologies, wearables have become ubiquitous, starting from simple fitbits that monitor fitness and health to complicated exosuits that restore movement. Wearable technologies have an important role in several significant areas such as healthcare, telemedicine, lifestyle, gaming, sports, fitness, environment, safety and prevention. The focus of this special topic will be on the design, control, mechanics, and backend processing of ML/AI of state-of-the-art wearable technologies. These technologies could include prosthetics, exoskeletons, soft robotics, wearable monitors, and other new technologies that fit the scope. The aim of this Special Issue is to compile the contributions of current leading researchers in the following areas: (1) the design and development of state-of-the-art wearable technologies, (2) the post processing and real time processing using artificial intelligence, deep learning and machine learning, and (3) the smart applications of these wearable technologies.

Guest Editors

Dr. Nilanjan Banerjee

Department of Computer Science and Electrical Engineering, University of Maryland, Baltimore, MD 21250, USA

Dr. Ramana Vinjamuri

Department of Computer Science and Electrical Engineering, University of Maryland, Baltimore, MD 21250, USA

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

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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