

Special Issue

Smart Sensing System for Intelligent Human Computer Interaction

Message from the Guest Editor

The rapid advancement in intelligent human–computer interaction has significantly advanced how individuals engage with digital devices and systems. At the forefront of these developments are smart sensing systems, which leverage sensors capable of perceiving and interpreting human behavior, emotions, gestures, and physiological states. This Special Issue invites contributions that explore cutting-edge smart sensing technologies and methodologies aimed at improving intelligent human–computer interaction from a hardware-aware perspective. Submissions are encouraged to cover innovative sensor integration approaches, real-time processing algorithms, reinforcement learning, and applications involving Large Language Models tailored for smart sensing systems. The goal is to demonstrate how smart sensing systems can effectively bridge the gap between human intent and computational response, ultimately fostering smarter, more adaptive, and user-centric technological environments.

Guest Editor

Dr. Yang Yi

Department of Electronic Engineering, Tsinghua University, Beijing 100084, China

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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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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.

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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