



Emotion Recognition Based on Sensors

Guest Editors:

Dr. Mariusz Szwoch

Electronics, Telecommunications
and Informatics Faculty, Gdansk
University of Technology,
Gdańsk, Poland

Dr. Agata Kołakowska

Electronics, Telecommunications
and Informatics Faculty, Gdansk
University of Technology,
Gdańsk, Poland

Prof. Dr. Mariano Alcañiz Raya

Instituto de Investigación e
Innovación en Bioingeniería (i3B),
Universitat Politècnica de
València, 46022 Valencia, Spain

Deadline for manuscript
submissions:

closed (29 July 2022)

Message from the Guest Editors

Dear Colleagues,

Affective computing is an emerging field of computer science that plays and will continue to play an increasing role in human–computer interaction. Recognition of user emotions is a fundamental and most viable element of each affective and affect-aware system. In recent years, many approaches to emotion recognition that use different input devices and channels as well as different reasoning algorithms have been proposed and developed. Various sensors, connected to or embedded in computer devices, smartphones, training devices, fitness, health, and everyday use, play a special role in providing input data for such systems. They include, among others, cameras, microphones, depth sensors, biometric sensors, and many more.

This Special Issue is focused on emotion recognition methods based on such sensory data. We are inviting original research work covering novel theories, innovative machine learning methods, and meaningful applications that can potentially lead to significant advances in this field. The goal is to collect a diverse set of articles on emotion recognition that span across a wide range of sensors, data modalities, their fusion, and classification.





sensors



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)