



sensors



an Open Access Journal by MDPI

Sensor Applications on Emotion Recognition

Guest Editors:

Prof. Dr. Eui Chul Lee

Department of Intelligent
Engineering Informatics for
Human, Sangmyung University,
Seoul 03016, Republic of Korea

Dr. Gi Pyo Nam

Center for Artificial Intelligence,
Korea Institute of Science and
Technology (KIST)

Deadline for manuscript
submissions:

closed (15 July 2020)

Message from the Guest Editors

Human emotions have long been regarded as objects of qualitative expression and cognition. However, research to quantitatively measure emotions through sensor technology and artificial intelligence has only recently seen rapid progress.

The recent studies on “emotion recognition” have been actively conducted to quantitatively measure human emotion and utilize it as a context awareness parameter to provide adequate applications in user experience. There has been a paradigm shift from a system that attaches complicated sensors onto the body to an ultralight sensor or a remote sensing method that minimizes the inconvenience to user. An indirect approach to emotion recognition can be also found by analyzing factors that affect emotion in the environment, as well as human behavior and physiological signals.

For this Special Issue, research regarding sensor applications on emotion recognition while considering user convenience is welcomed. Of particular interest is research that can break away from traditional sensor technology, and research that instead solves the inconvenience and performance problem of emotion recognition through sensor-based software solutions.



mdpi.com/si/31073

Special Issue



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 (*Instruments & Instrumentation*) / 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](#)