



sensors



an Open Access Journal by MDPI

Sensing Human Cognitive Factors

Guest Editors:

Dr. Jozsef Katona

Prof. Dr. Ilona Heldal

Dr. Cristina Costescu

Prof. Dr. Attila Kovari

Deadline for manuscript
submissions:

15 July 2024

Message from the Guest Editors

This Special Issue aims to present papers examining sensory aspects of human cognition associated with eye-tracking research. Papers can consider theoretical approaches to suggest new methodologies, theories for utilizing sensory information for better examining, or for a more thorough understanding of human cognitive factors. We also welcoming researchers to submit practical case studies or papers, illustrating examples and evidence of the effect of utilizing sensing information or data. Information and data can come from different sources.

Potential topics include but are not limited to:

- Sensors used in HCI systems
- Sensing methods used in HCI systems
- Human–computer interaction and bio-interfaces
- Eye-tracking systems and applications
- Eye-tracking in cognitive psychology
- Eye-tracking in virtual and augmented reality
- Eye-tracking in education
- Sensing used in neurodevelopmental disorders
- Sensing used in safety applications
- Sensing used in automotive applications
- Sensing used in engineering applications
- Sensing used in serious game applications
- Sensing used in assistive technology
- Sensing used in aviation applications
- Sensing used in education



mdpi.com/si/162248

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](#)