

Special Issue

Sensing Human Cognitive Factors

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 welcome 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

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2025)



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About the Journal

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.

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