

Special Issue

Development of Advanced Eye-tracking Technologies and Applications

Message from the Guest Editor

Eye tracking technology is being used in research domains that include neuroscience, psychology, ophthalmology, human factors and marketing. Applications in these domains have been demonstrated largely by experts using specialized and expensive technology. Recent technological advances in computational resources and sensors make it feasible to implement eye-tracking technology on general-purpose low-cost platforms that are widely available. Moreover, advances in machine learning algorithms and visualization techniques improve the capacity to extract information from eye movements and visual scanning patterns. The combined effect of these two technological advances support expanded use of eye tracking technology in vision research, clinical diagnosis and man-machine interfaces.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2018)



Vision

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Impact Factor 1.8
CiteScore 2.9
Indexed in PubMed



mdpi.com/si/13244

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Message from the Editor-in-Chief

Vision research has developed tremendously over the last years and has been well served by some of the available journals. We feel that a new journal, with no historical or societal affiliations, offers a chance for a broad interdisciplinary coverage and a means of highlighting the increasing number of interesting results and ideas. We are therefore convinced that the launch of a truly interdisciplinary journal in the area of vision science is worthwhile, timely and necessary. *Vision* is a journal for, and by, all vision scientists, committed to the advancement of their field of interest.

Editor-in-Chief

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