

## Special Issue

# Eye-Tracking Technologies: Theory, Methods and Applications

### Message from the Guest Editors

Familiarisation with the thought processes accompanying a person while observing and recognizing the surrounding scenery is an extremely interesting area of many scientific studies. In particular, the rapid development of this area includes methods and tools used for registration and attention analysis, which are gaining new and innovative applications in modern industry. For this purpose, various mathematical models are developed that are used to solve the geometry of the scenery around the observer, as well as intelligent methods of continuous attention tracking and recognition of human interaction with the environment, which form the basis of the development of neuroscience and the theory of perception and cognition. This Special Issue will be devoted to new solutions and prospects for the further development of methods and tools used in modern eye tracking applications. Due to the interdisciplinary nature of eye tracking research, we invite articles from all areas related to modern eye tracking applications, including new technologies and the mathematical models used in them and their applications.

### Guest Editors

Dr. Zbigniew Gomolka

Dr. Damian Kordos

Prof. Dr. Ewa Dudek-Dyduch

Dr. Bogusław Twaróg

### Deadline for manuscript submissions

closed (31 December 2023)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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