

## Special Issue

# New Technologies and Applications of Visual-Based Human-Computer Interactions

### Message from the Guest Editor

To provide an overview of these recent developments on this fascinating and rapidly developing area of visual-based HCIs, we invite submissions on a range of topics to a Special Issue titled “New Technologies and Applications of Visual-Based Human-Computer Interactions”. Congruent with the overall aim of the journal, we hope to stimulate a useful and interdisciplinary interchange between individuals working primarily on fundamental and theoretical issues and those working on applied aspects. We are particularly interested in papers that propose the application of visual-based HCI techniques, alone as well as in combination with other modalities (such as speech, mouse, and keyboard), within this broad field. Such papers can be explorative, empirical, meta-analytic, or technical. Papers that seek to bridge the gap between theoretical and applied aspects, as well as papers that study human action and perception behavior and its integration in natural and intuitive forms of HCI, will be especially welcome.

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### Guest Editor

Prof. Dr. Kai Essig

Human Factors and Interactive Systeme, Faculty of Communication and Environment, Rhine-Waal University of Applied Sciences, Kamp-Lintfort, Germany

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### Deadline for manuscript submissions

closed (30 December 2025)



## Applied Sciences

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## About the Journal

### 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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