

Special Issue

Human-computer Interfaces Aiding the Visually Impaired

Message from the Guest Editor

The aim of this special issue is to apprise the current state of the art in the field of electronic interfaces aiding the blind in independent travel, navigation and access to information. Contributions demonstrating fully functional assistive technologies or reporting recent research projects and their outcomes are particularly encouraged. Also, we welcome review articles focusing on selected aspects of technologies aiding visually disabled persons, such as sonification or haptification. Submissions can cover any of the following topics:

- space perception and recognition,
- mobility aids for the blind,
- interfaces assisting in understanding graphics and text detection in 3D scenes,
- sensory substitution systems, e.g. auditory and haptic displays,
- navigation and information systems for the blind, e.g. path planning support, access to public transport,
- remote/networked guidance systems.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2018)



Multimodal Technologies and Interaction

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.8



mdpi.com/si/15688

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About the Journal

Message from the Editor-in-Chief

Towards the end of 2018, I was approached to be the new Editor-in-Chief for the *Multimodal Technologies and Interaction (MTI)* journal. I was honored to be considered and happily accepted the role, starting in January 2019.

MTI is a new journal, and since starting in 2017, has published over 800 papers, with the number of publications continuing to grow. As Editor-in-Chief, I would like to continue increasing the number of high-quality papers that we publish, and in addition, work towards improving the journal in other ways, such as getting the journal listed on ISI, establishing an impact factor, and increasing our social media presence. I would also like to better engage with the research community, including bringing some new members onto the Editorial Board, focusing the journal on the latest areas of interest, marketing at leading conferences and, most importantly, getting feedback from our readers.

Editor-in-Chief

Prof. Dr. Mark Billingham

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Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, dblp Computer Science Bibliography, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Cybernetics) / CiteScore - Q1 (Neuroscience (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.7 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the second half of 2025).