

Special Issue

Multimodal Medical Alarms

Message from the Guest Editors

Despite efforts to specify standards for unimodal audible alarms, significant problems persist. In the cognitively demanding environment of the healthcare setting, multimodal presentation may help overcome some of these challenges, benefiting from the advantages this offers in general human-computer interaction. This Special Issue aims to provide a collection of high quality research articles that address broad challenges in both theoretical and applied aspects of multimodal medical alarms – capitalizing on neuroscience and engineering principles to improve patient monitoring, patient safety, and clinicians' ability to leverage the use of multisensory integration in their clinical practice.

Guest Editors

Prof. Jeremy R. Cooperstock
McGill University, Montreal, QC H3A 0E9, Canada

Dr. Joseph J. Schlesinger
Vanderbilt University Medical Center, Nashville, TN 37212, USA

Deadline for manuscript submissions

closed (31 December 2018)



Multimodal Technologies and Interaction

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.8



mdpi.com/si/15745

Multimodal Technologies and Interaction
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mti@mdpi.com

mdpi.com/journal/mti





Multimodal Technologies and Interaction

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.8



[mdpi.com/journal/
mti](https://mdpi.com/journal/mti)



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 10 issues with over 140 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 Billinghurst

1. School of Information Technology and Mathematical Sciences, University of South Australia, Adelaide, SA 5000, Australia
2. Empathic Computing Laboratory, The University of Auckland, Auckland 1010, New Zealand

Author Benefits

High Visibility:

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

Journal Rank:

CiteScore - Q1 (Neuroscience (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).