

Special Issue

Musical Interactions

Message from the Guest Editor

Music is a structured sonic event for listening, which evolves around literature, performance repertoire and instrument design. Musical interaction occurs in a framework where a tight loop between sensory integration, cognitive appraisal and multimodal coordination is performed as time-critical processing, necessitated by social interaction, often only implied. Music making and music affect are conducive to multimodal associations, as reflected in song, dance and ceremony, and in movie and video game sound tracks. Seeing musicians play, and playing while listening creates context for multimodal experience enhanced by AI and sensory signal processing. Musical interactions can be defined over a wide range of models and simulations, from physical and biological to linguistic and emotional.

This Special Issue aims to present perspectives from interdisciplinary research domains such as AI, HCI, multimodal interaction, playful interfaces, music supported therapy, and neuroscience to generate insights and better understandings of multisensory experience and multimodality through musical interaction, for a broader implication beyond the domain of music.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2021)



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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 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

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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:

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).