

Special Issue

Human-AI Collaborative Interaction Design: Rethinking Human-Computer Symbiosis in the Age of Intelligent Systems

Message from the Guest Editor

With the rapid advancement of generative AI, adaptive systems, and intelligent interfaces, the paradigm of human-computer interaction is shifting toward a model of greater collaboration between humans and artificial intelligence. This Special Issue focuses on human-AI collaborative interaction design, with the aim of exploring the ways in which design methods, system architectures, and user experiences are being redefined in this new era of human-machine co-evolution. We welcome research that investigates AI-assisted creativity, user perceptions of algorithmic agency, ethical dimensions of human-AI collaboration, and system transparency. Interdisciplinary approaches that combine design research, behavioral science, and computational methods are particularly encouraged. Topics may include adaptive interfaces, co-creative tools, human-in-the-loop systems, and the role of AI literacy in shaping user empowerment and interaction effectiveness.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2026)



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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

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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).