

Special Issue

Imaging Interaction in Surgery

Message from the Guest Editors

This Special Issue explores multimodal interaction with imaging systems in the operating room (OR). The OR constitutes a specialized environment with unique challenges for interaction, for instance, the sterile barrier between the surgeon and the imaging system or the fact that such systems divide both the attention (cognitive) and the task space (physical) between the surgical procedure and the interaction. We welcome submissions of different types, including research articles, case studies, systematic reviews, literature reviews, theoretical and critical perspectives, and opinions on multimodal technologies for imaging systems in the OR. Example topics include, but are not limited to, the following:

- Novel interaction techniques;
- Empirical studies on the impacts of multimodal technologies;
- Contributions to the methodology for exploring interaction techniques;
- Implications for the design of future interactive systems; and
- Theoretical contributions that enlarge our understanding of interactions with existing or future multimodal technologies.

Guest Editors

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Deadline for manuscript submissions

closed (10 February 2021)



Multimodal Technologies and Interaction

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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 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:

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).