Special Issue

Haptics for Human Augmentation

Message from the Guest Editors

Haptics is an interdisciplinary field exploring the science of touch and technology. While still in its infancy, tremendous interest, advancement, and commercial potential has been seen within the last decade. At the same time, interest in human augmentation, or expansion of our senses and abilities, has grown. It is therefore timely to explore the intersection of haptics and human augmentation. This special issue invites contributions in areas of haptic sensory substitution/augmentation; haptic assistive technology for sensory, physical, or cognitive impairments; haptic rehabilitative technology including new devices for neurorehabilitation; haptic healthcare technology including surgical simulators and devices for personal health and wellbeing; haptic gerontechnology for the aging population; haptic human-computer interaction; multimedia that engages the sense of touch including virtual reality, augmented reality, and mixed reality; multimodal interaction between the sense of touch and our other senses.

Guest Editors

Dr. Troy McDaniel

Dr. Sethuraman Panchanathan

Dr. Ramin Tadayon

Prof. Dr. Yuichi Kurita

Deadline for manuscript submissions

closed (17 May 2019)

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).