Special Issue

Recent Advances in Multimodal Conversational Systems

Message from the Guest Editors

Conversational interfaces make it possible for humans to communicate with machines in natural language and have become widespread in the interaction with virtual assistants, mobile devices and smart environments. In multimodal and multisensory settings, different modalities can complement and enrich each other to provide additional flexibility and accuracy.

Original papers are solicited on, but not limited to, the following areas:

- multimodal conversational interfaces
- dialogue systems, embodied conversational agents and their applications
- theory and foundations of multimodal interaction
- understanding multimodal human–human conversation
- multimodal data capturing, annotation and representation
- multimodal sensing and signal processing
- modality representation, alignment and fusion
- cross-modal learning
- dialogue modelling and management
- error detection and correction in multimodal interaction
- user adaptation and personalization
- expressive multimodal behaviour recognition and production
- architectures to develop multimodal conversational interfaces

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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 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).