Special Issue

Explainable User Models

Message from the Guest Editors

As AI systems' actions and decisions will significantly affect their users, it is important to understand how an AI system represents its users. Furthermore, in light of AI algorithms largely behaving as black boxes, one key aim of explainability is to make the inner workings of AI systems more accessible and transparent. Such explanations can help when the system uses information about the user to develop a working representation of the user, and then uses this representation to adjust or inform system behavior. E.g., an educational system could detect if students have a more internal or external locus of control, or a music recommender system could adapt the music it is playing to the current mood of a user. However, when adapting to such user models, it is crucial that these models are accurately detected. Furthermore, the explanations should explain or justify their representations of users in a human-understandable way. This creates a necessity for techniques to create models for the automatic generation of satisfactory explanations intelligible for human users interacting with the system. For more information, see our SI website: https://www.mdpi.com/si/91821.

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Deadline for manuscript submissions

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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:

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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).