Special Issue

User Interfaces to Pave the Way for Interaction with Tomorrow's Vehicles

Message from the Guest Editors

Automotive user interfaces and automated vehicle technologies pose numerous challenges to support all diverse facets of user needs. Thus, we need to put efforts into the design of radically new automotive user interfaces to support the driver/passenger in different levels and activities.This special issue is related to the following topics (but are not limited to):

- Transfer of control between driver and vehicle (forth and back, switching between levels)
- Trust in technology and acceptance of assistance systems
- Ways for effective office work in cars (reading, typing)
- Communication in the exterior, i.e. concepts for vehicle-pedestrian interaction
- Novel forms of communication (gestures, speech, brain-computer interfaces)
- Artificial intelligence technology in the car
- In-vehicle AR/VR applications

Guest Editors

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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

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Author Benefits

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Journal Rank:

JCR - Q2 (Computer Science, Cybernetics) / CiteScore - Q2 (Neuroscience (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2024).