

# Special Issue

## New Directions in User-Centered Interaction Design

### Message from the Guest Editors

In this Special Issue, we want to focus on new user-centered methods and tools that support the design of interactive systems that are based on emergent technologies currently under development in the engineering disciplines. Of special interest are methods and tools based on contemporary insights and theories from the social and behavioral sciences. Take for example, the rise of systems of smart things, or IoT as it is called nowadays. The shift from products to smart products and, more recently, from smart products to systems of smart things clearly puts new challenges to the field of interaction design. The same holds for emerging technologies like artificial intelligence or smart materials. To take full advantage of these developments, existing user-centered engineering methods and tools need to be adapted or new ones need to be developed to support the design of systems that truly make sense to people and that show a proper balance between advanced technological possibilities and the basic cognitive and social capabilities and needs of people.

- User-Centered
- Interaction Design
- Methods and Tools
- Theories
- Emerging technologies
- Social and Behavioral Sciences

---

### Guest Editors

Prof. Dr. Berry Eggen

Industrial Design, Eindhoven University of Technology, Eindhoven, The Netherlands

Dr. Saskia Bakker

Eindhoven University of Technology, The Netherlands

Dr. Bart Hengeveld

Eindhoven University of Technology, The Netherlands



## Multimodal Technologies and Interaction

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.8



[mdpi.com/si/14564](http://mdpi.com/si/14564)

*Multimodal Technologies and Interaction*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

mti@mdpi.com

[mdpi.com/journal/  
mti](http://mdpi.com/journal/mti)



---

### Deadline for manuscript submissions

closed (31 October 2018)



# Multimodal Technologies and Interaction

an Open Access Journal  
by MDPI

Impact Factor 2.4  
CiteScore 5.8



[mdpi.com/journal/  
mti](http://mdpi.com/journal/mti)



## 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

1. School of Information Technology and Mathematical Sciences, University of South Australia, Adelaide, SA 5000, Australia
2. Empathic Computing Laboratory, The University of Auckland, Auckland 1010, New Zealand

---

### 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).