

## Special Issue

# Human Behavior, Emotion and Representation

### Message from the Guest Editors

Natural behavior skills based on cognitive abilities are key challenges for robots, virtual agents and intelligent machines while interacting with humans. Intelligent systems will need to develop their autonomy and they have to elicit social interaction and social synchrony. This special issue focuses on collecting and analyzing multi-modal data from different measurements to allow constructing solid computational models.

- Acoustic, visual or multimodal processing for affect recognition
- Real time and embedded perception into the wild
- Human Behavior analysis
- Deep learning for human perception
- Anticipation and Imitation of Human Behavior
- Affects and social interaction modeling
- Acceptability and usability while interacting
- Affects in developmental robotics
- Computational modeling of cognitive interaction components
- Case Studies and Applications in Real-life Contexts
- Social and Psychological studies of human/robot interaction
- Eye-hand coordination in interactive / dyadic situations

---

### Guest Editors

Dr. Vaufreydaz Dominique

Dr. Kai Essig

Mr. Thomas Guntz

Mr. Thomas Küchelmann

---

### Deadline for manuscript submissions

closed (28 February 2018)



## Multimodal Technologies and Interaction

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.8



[mdpi.com/si/10537](https://mdpi.com/si/10537)

*Multimodal Technologies and Interaction*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[mti@mdpi.com](mailto:mti@mdpi.com)

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





# Multimodal Technologies and Interaction

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.8



[mdpi.com/journal/  
mti](https://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 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

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:

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).