Special Issue

Deep Understanding of Biological Behavioral and Affective Intelligence

Message from the Guest Editors

Deep understanding of behavioural and affective intelligence has been a long-term task to enable machine intelligence and emulate biological intelligence. Recently, vast efforts have been made toward automated understanding of biological behavioural intelligence. In one side, the modelling of human and animal behaviour has been carried out to understand how biological brains respond to stimuli and environment in their behavioural patterns, and on the other side, behavioural footages from sensory inputs have been better interpreted automatically by machine intelligence. The first aspect comes from the recent progress on psychological or neurologic research, and the second aspect comes from the rapid development of computer vision on behavioural understanding. Finally it is expected that the research from both ends will meet together to help each other and achieve the final goal of fully understanding of the biological intelligence. In this special issue, we aim to focus on the above both aspects, and encourage paper submissions on the related topics.

Guest Editors

Dr. Richard Jiang

Dr. Li Zhang

Dr. Rebecca Strachan

Deadline for manuscript submissions

closed (15 April 2018)

MDPI

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).