



## **Emotions in Robots: Embodied Interaction in Social and Non-Social Environments**

Guest Editor:

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Deadline for manuscript  
submissions:

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### **Message from the Guest Editor**

Dear Colleagues,

Whether they are considered discrete or dimensional, emotions are 'embodied' phenomena. The embodied agent does not play a merely passive role in emotion processing. Rather, the body itself, in interaction with its external environment, influences how real/imagined, environmental stimuli are perceived and acted upon. The body behaviorally orients and acts, and internally physiologically 'prepares' in relation to its external environment.

Today, we see a shift towards robots that need to interact in relation to the social and emotional aspects of human environments. There are at least three areas in which 'embodied' implementations of emotion processes can enhance robotic performance in human environments: i) improved human-interactor experience, ii) facilitated competence, iii) safety. The mode of embodiment of the emotion-guided robot entails not only its physical dimension regarding how and what it senses and appears to human interactors but also its internal homeostatic aspects that regulate its goals and those very same interactions.

Dr. Robert Lowe

*Guest Editor*





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## 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.

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