Affective computing papers

Artificial Agents

- de Melo, Celso M, Carnevale, Peter, and Gratch, Jonathan (2010). The influence of emotions in embodied agents on human decision-making. *Intelligent virtual agents*. view online
- Becker-Asano, Christian, and Wachsmuth, Ipke (2009). Affective computing with primary and secondary emotions in a virtual human. *Autonomous Agents and Multi-Agent Systems*. view online

Empathy

- Boukricha, Hana, Wachsmuth, Ipke, Carminati, Maria Nella, and Knoeferle, Pia (2013). A computational model of empathy: Empirical evaluation. *Proceedings - 2013 Humaine Association Conference on Affective Computing and Intelligent Interaction, ACII 2013*.
- Leite, Iolanda, Pereira, Andre, Mascarenhas, Samuel, Martinho, Carlos, Prada, Rui, and Paiva, Ana (2013). The influence of empathy in human-robot relations. *International Journal of Human Computer Studies*. view online
- McQuiggan, Scott W., and Lester, James C. (2007). Modeling and evaluating empathy in embodied companion agents. *International Journal of Human Computer Studies*.
- Wilson, Jason R, and Scheutz, Matthias (2015). A Model of Empathy to Shape Trolley Problem Moral Judgements. *International Conference on Affective Computing and Intelligent Interaction (ACII)*.
- Moridis, Christos N., and Economides, Anastasios A. (2012). Affective learning: Empathetic agents with emotional facial and tone of voice expressions. *IEEE Transactions on Affective Computing*. view online

Ethics

- Coeckelbergh, Mark (2012). Are emotional robots deceptive?. *IEEE Transactions on Affective Computing*.
- Scheutz, Matthias (2012). The Inherent Dangers of Unidirectional Emotional Bonds between Humans and Social Robots. view online

Models

- Lin, Jerry, Spraragen, Marc, Blythe, Jim, and Zyda, Michael (2011). EmoCog: Computational Integration of Emotion and Cognitive Architecture. *Proceedings of the Twenty-Fourth ...*. view online
- Wilson, Jason R., Forbus, Kenneth D., and McLure, Matthew D. (2013). Am I really scared? A multi-phase computational model of emotions. *Proceedings of the Second Annual Conference on Advances in Cognitive Systems*.
- Marsella, Stacy C, and Gratch, Jonathan (2009). EMA : A process model of appraisal dynamics. *Journal of Cognitive Systems Research*.
- Yik, Michelle, Russell, James a, and Steiger, James H (2011). A 12-Point Circumplex Structure of Core Affect.. *Emotion (Washington, D.C.)*. view online
- Marinier, Robert P., Laird, John E., and Lewis, Richard L. (2009). A computational unification of cognitive behavior and emotion. *Cognitive Systems Research*. view online
- Lerner, Jennifer S, Li, Ye, Valdesolo, Piercarlo, and Kassam, Karim S (2015). Emotion and Decision Making. *Annu. Rev. Psychol*. view online
- Moerland, Thomas M., Broekens, Joost, and Jonker, Catholijn M. (2018). Emotion in reinforcement learning agents and robots: a survey.

- Marsella, Stacy, Gratch, Jonathan, and Petta, Paolo (2010). Computational models of emotion. view online
- Scherer, Klaus R (2000). Psychological Models of Emotion.

Presentation

- de Melo, Celso M, Carnevale, Peter, and Gratch, Jonathan (2011). The Effect of Expression of Anger and Happiness in Computer Agents on Negotiations with Humans. *Proceeding AAMAS '11 The 10th International Conference on Autonomous Agents and Multiagent Systems*. view online
- De Beir, Albert, Cao, Hoang Long, Gomez Esteban, Pablo, Van de Perre, Greet, Lefeber, Dirk, and Vanderborght, Bram (2016). Enhancing Emotional Facial Expressiveness on NAO: A Case Study Using Pluggable Eyebrows. *International Journal of Social Robotics*. view online
- Popescu, Alexandru, Broekens, Joost, and Van Someren, Maarten (2014). GAMYGDALA: An emotion engine for games. *IEEE Transactions on Affective Computing*.
- Collins, Emily C., Prescott, Tony J., and Mitchinson, Ben (2015). Saying it with Light: A Pilot Study of Affective Communication Using the MIRO Robot. view online

Recognition

- Kahn, Jeffrey H, Tobin, Renee M, Massey, Audra E, and Anderson, Jennifer A (2007). Measuring emotional expression with the Linguistic Inquiry and Word Count. *The American Journal of Psychology*.
- Kanade, T, and Cohn, J.F. (2000). Comprehensive database for facial expression analysis. *Proceedings of the 4th IEEE International Conference on Automatic Face and Gesture Recognition*. view online
- McDuff, D, Karlson, Amy, and Kapoor, Ashish (2012). AffectAura: an intelligent system for emotional memory. *Proceedings of the 2012 ACM annual conference on Human Factors in Computing Systems*. view online
- Kaya, Heysem, Gurpınar, Furkan, and Ali, Albert (2017). Video-based emotion recognition in the wild using deep transfer learning and score fusion ☙. *Image and Vision Computing*. view online
- McDuff, Daniel, Kaliouby, Rana El, Cohn, Jeffrey F., and Picard, Rosalind W. (2015). Predicting Ad Liking and Purchase Intent: Large-Scale Analysis of Facial Responses to Ads. *IEEE Transactions on Affective Computing*.
- Cohn, Jeff, and De la Torre, Fernando (2014). Automated Face Analysis for Affective Computing. *Handbook of Affective Computing*.
- D'Mello, Sidney, Kappas, Arvid, and Gratch, Jonathan (2018). The Affective Computing Approach to Affect Measurement. *Emotion Review*. view online
- Shen, Liping, Wang, Minjuan, and Shen, Ruimin (2016). Affective e-Learning: Using “Emotional” Data to Improve Learning in Pervasive Learning Environment. *Educational Technology & Society*.
- Girard, Jeffrey M., and Cohn, Jeffrey F. (2015). Automated audiovisual depression analysis. *Current Opinion in Psychology*. view online