

Topic	Should robots show emotions?
Abstract	Robots are now capable of recognizing human emotion and expressing their own emotions through facial expressions or body gestures. While Elenoide can express itself using a combination of facial and body gestures, Pepper can only express itself using body gestures. The research questions here are: Should robots show emotions? How are robots capable of showing emotions useful for human beings?
Language	English
Exemplary literature	<ul style="list-style-type: none"> • Thilmany J. 2007, The emotional robot. Cognitive computing and the quest for artificial intelligence. EMBO reports, 8(11), 992–994. https://doi.org/10.1038/sj.embor.7401106 • Rawal, N., Stock-Homburg, R. 2021, Facial emotion expressions in human-robot interaction: A survey. International Journal of social robotics (IJSR). • Stock, R., Merkle, M., 2017, A Service Robot Acceptance Model: User Acceptance of Humanoid Robots During Service Encounters, IEEE International Conference on Pervasive Computing and Communications 2017, Kailua-Kona, USA. • Stock, R., Merkle, M., 2018, Can Humanoid Service Robots Perform Better Than Service Employees? A Comparison of Innovative Behavior Cues, 51st Hawaii International Conference on System Sciences, Waikoloa, USA. • Stock, R., Nguyen, M., 2019, Robotic Psychology. What Do We Know about Human-Robot Interaction and What Do We Still Need to Learn? 52nd Hawaii International Conference on System Sciences, Grand Wailea, USA.
Additional information	<p>Kind of thesis: bachelor or master</p> <p>Start: as soon as possible</p> <p>Publication options: Excellent works should be submitted to international conferences or to the working paper series on Market-oriented Management of the chair of Marketing and HRM.</p>
Contact	<p>The exact focus can be determined individually with the supervisors. The work is supervised by Prof. Dr. Dr. Ruth Stock-Homburg and Niyati Rawal at the Chair of Marketing and Human Resources Management.</p> <p>Contact: niyati.rawal@tu-darmstadt.de</p>