

<p>Topic</p>	<p>Keeping the “social touch” in human-robot teams</p>
<p>Overview</p>  <p>https://pixabay.com/de/photos/hand-roboter-mensch-tastatur-3685829/</p>	<p>Due to robots and other new technologies entering our working world, social aspects of teams might change as a consequence and impact collaboration and communication. This might give room to a fearfully anticipated loss of “social touch” in working teams. As water always finds its way, it is highly likely that humans engage in social-psychological regulation tactics to fulfil their social needs.</p> <p>We want to take a closer look at fruitful theoretical approaches (mainly rooted in psychology) that might play a role in this context. Additionally, an explorative study will be conducted to examine potential social-psychological regulation tactics.</p> <p>Exemplary research questions are:</p> <ul style="list-style-type: none"> • How do (novel) technologies shape collaboration and communication in a working team? • How do humans cope with a lack of social interaction in a tech-induced working world? • Which social-psychological regulation tactics are relevant in the business context? <p>The basis for answering the questions will be a structured literature review and a subsequent study in an exploratory manner.</p> <p><i>Relevant literature:</i></p> <ul style="list-style-type: none"> • Wolf, Franziska and Stock-Homburg, Ruth (2020): Human-Robot Teams: A review. Proceedings of the International Conference on Social Robotics (ICSR), [Conference or Workshop Item] • Stock, Ruth and Merkle, Moritz and Eidens, Dietmar and Hannig, Martin and Heineck, Paul and Nguyen, Mai Anh and Völker, Johannes (2019): When Robots Enter Our Workplace: Understanding Employee Trust in Assistive Robots. In: Proceedings of the International Conference on Information Systems 2019, 2019, [Article] • Stock, Ruth (2004): Drivers of Team Performance: What Do We Know and What Have We Still to Learn? In: Schmalenbach Business Review, 56 (3), pp. 274-306. [Article] • Stock, Ruth (2005): Erfolgsfaktoren von Teams: Eine Analyse direkter und indirekter Effekte. In: Zeitschrift für Betriebswirtschaft (ZfB), 75 (10), pp. 971-1004. [Article]

	<ul style="list-style-type: none"> • Stock-Homburg, Ruth and Gaitanides, Michael (2006): Einflussgrößen des Teamerfolgs: Analyse der Interorganisationalität als Moderator. In: Die Unternehmung (DU), 60 (4), pp. 385-405. [Article]
Language	English preferred
Additional information	<p>Start: as soon as possible</p> <p>Kind of thesis: Master or Bachelor thesis, "Studienarbeit"</p> <p>Requirements: interest in the topic</p> <p>Main subject: Psychology or Business students preferred</p>
Contact	<p>M. Sc. Lea Heitlinger (lea.heitlinger@bwl.tu-darmstadt.de)</p> <p>Prof. Dr. Dr. Ruth Stock-Homburg</p>