

- with mild cognitive impairment. In: Intelligent Robots and Systems (IROS), 2011 IEEE/RSJ International Conference on, pp. 2430–2437, IEEE, 2011
2. Gross HM, Schröter C, Müller S, Volkhardt M, Einhorn E, Bley A, et al.: Further progress towards a home robot companion for people with mild cognitive impairment. In: Systems, Man, and Cybernetics (SMC), 2012 IEEE International Conference on, pp. 637–644, IEEE, 2012
 3. Schröter C, Müller S, Volkhardt M, Einhorn E, Huijnen C, van den Heuvel H, et al.: Realization and user evaluation of a companion robot for people with mild cognitive impairments. In: Robotics and Automation (ICRA), 2013 IEEE International Conference on, pp. 1153–1159, IEEE, 2013
 4. www.serroga.de
 5. www.sympartner.de
 6. www.meinpaul.de
 7. Müller S, Sprenger S, Gross HM: Online adaptation of dialog strategies based on probabilistic planning. In: Robot and Human Interactive Communication, 2014 RO-MAN: The 23rd IEEE International Symposium on, pp. 692–697, IEEE, 2014
 8. Stiehl W, Breazeal C: Design of a Therapeutic Robotic Companion for Relational, Affective Touch. In: Proceedings of Fourteenth IEEE Workshop on Robot and Human Interactive Communication (Ro-Man-05), pp. 408–415, IEEE, Nashville, 2005
 9. <http://www.parorobots.com>
 10. Müller S, Schröter C, Gross HM: Low-Cost Whole-Body Touch Interaction for Manual Motion Control of a Mobile Service Robot. In: Social Robotics, pp. 229–238, Springer International Publishing, 2013
 11. Inaba M, Hoshino Y, Nagasaka K, Ninomiya T, Kagami S, Inoue H: A full-body tactile sensor suit using electrically conductive fabric and strings. In: Intelligent Robots and Systems' 96, IROS 96, Proceedings of the 1996 IEEE/RSJ International Conference on, vol. 2, pp. 450–457, IEEE, 1996
 12. Naya F, Yamato J, Shinozawa K: Recognizing human touching behaviors using a haptic interface for a pet-robot. In: Systems, Man, and Cybernetics, 1999. IEEE SMC'99 Conference Proceedings. IEEE International Conference on, vol. 2, pp. 1030–1034, IEEE, 1999
 13. Aha DW, Bankert RL: A comparative evaluation of sequential feature selection algorithms. In: Learning from Data, pp. 199–206, Springer New York, 1996
 14. Schmeder A, Freed A: Support vector machine learning for gesture signal estimation with a piezo resistive fabric touch surface. In: New Interfaces for Musical Expression, 2010
 15. Buscher G, Koiva R, Schurmann C, Haschke R, Ritter HJ: Tactile dataglove with fabric-based sensors. In: Humanoid Robots (Humanoids), 2012 12th IEEE-RAS International Conference on, pp. 204–209, IEEE, 2012
 16. Gross HM, Müller S, Schröter C, Volkhardt M, Scheidig A, Debes K, Richter K, Doering N: Robot Companion for Domestic Health Assistance - Function and User Tests under Real-life Conditions in Private Apartments. Submitted to: IROS 2015
 17. Müller S, Schröter C, Gross HM: Low-cost Whole-Body Touch Interaction for Manual Motion Control of a Mobile Service Robot. In: Proc. 5th Int. Conf. on Social Robotics (ICSR 2013), LNAI vol. 8239, pp. 229–238, Springer, 2013