

HRI Reading Group

@ Instituto Superior Técnico

Meeting #7 (20 Abr 2018)

Welcome!

Paper

Will people keep the secret of a humanoid robot?: Psychological intimacy in HRI

Kahn Jr, P.H., Kanda, T., Ishiguro, H., Gill, B.T., Shen, S., Gary, H.E. and Ruckert, J.H.

(2015) Proceedings of the Tenth Annual ACM/IEEE International Conference on Human-Robot Interaction (pp. 173-180). ACM.



Insights

Secrets might be harmful

The believability of the scenario is constrained

Empathy induces intimacy

Shape, size also induces intimacy

Intimacy (physical and/or emotional) with robots: **Harmful or Helpful?**

- Scenario (e.g. factory)
- Replacing bonds with people
- Manipulative or other unethical purposes
- Replacing bonds with people that cannot establish with human due to medical/mental conditions or other constraints (e.g. elders due to being isolated)
- Medical purposes (in cases where people might even perform worst or take advantage of the patient's medical condition)

Other remarks

- “Machines don’t lie”
- People have a strong predisposition to trust machines, technology in general
- It might be a concern that each social characteristic that is added to the robot might be able to increase intimacy, which in some cases lead to overtrust

**Who is bringing the
refreshment next week?**

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Meeting #8 (27 Apr 2018)