

# Smart Devices and the Production of 'Home':

## References + Sources:

1. Videos for the three mentioned movies can be viewed below:
  - a. HAL-9000: <https://www.youtube.com/watch?v=Be8Gbqdox68&t=16s>
  - b. Proteus IV: <https://www.youtube.com/watch?v=391C5fpAq4o>
  - c. Samantha: <https://www.youtube.com/watch?v=GV01B5kVsC0>
2. Quote taken from:
  - Hindy, J. (2023, August 29). 12 must-have devices to transform your house into a smart home. SlashGear. <https://www.slashgear.com/1376304/must-have-smart-home-devices/>

Additional academic evidence seen in:

  - Nikou, S. (2019). Factors driving the adoption of smart home technology: An empirical assessment. *Telematics and Informatics*, 45, 101283.
  - Li, W., Yigitcanlar, T., Erol, I., & Liu, A. (2021). Motivations, barriers and risks of smart home adoption: From systematic literature review to conceptual framework. *Energy Research & Social Science*, 80, 102211.
3. See:
  - Kirby, D. (2003). Science Consultants, Fictional Films, and Scientific Practice. *Social Studies of Science*, 33(2), 231-268.
  - Kirby, D. (2003). Science advisors, representation, and Hollywood films. *Molecular Interventions*, 3(2), 54.
  - Kirby, D. (2009). The Future is Now. *Social Studies of Science*, 40(1), 41-70.
4. See:
  - Caivano, D., Fogli, D., Lanzilotti, R., Piccinno, A., & Cassano, F. (2018). Supporting end users to control their smart home: design implications from a literature review and an empirical investigation. *Journal of Systems and Software*, 144, 295-313.
  - Alvarez, L. (2022, March 2). How to design a smart home: A detailed guide. *AmazingArchitecture*. <https://amazingarchitecture.com/articles/how-to-design-a-smart-home-a-detailed-guide>
5. See:
  - Kobie, N. (2015, June 9). How to turn your old house into a smart home. *The Guardian*. <https://www.theguardian.com/technology/2015/jun/09/old-house-smart-home>
6. Language borrowed from Duncombe (2016) to represent the duality of relationships with both affects and effects. Although initially used when discussing art activism, the language and networked relationships are applicable in various other fields.
  - Duncombe, S. (2016). Does it work? The æffect of activist art. *Social research*, 83, 115–134.

## 7. Direct quote taken from:

- Seven Integration. (2019, October 30). Home automation: Why you should be building smart homes. <https://sevenintegration.co.uk/home-automation-uk-building-smart-homes/>

## Additional consumer evidence:

- Udell, M., Stehel, V., Kliestik, T., Kliestikova, J., & Durana, P. (2019). Towards a smart automated society: Cognitive technologies, knowledge production, and economic growth. *Economics, Management and Financial Markets*, 14(1), 44-49.
- AMA Research. (2023). Home Automation Market Report – UK 2023-2027. 5<sup>th</sup> Edition. AMA Research.

## 8. See:

- Ash, J. (2018). Phase Media. In *Phase Media: space, time, and the politics of smart objects*. Bloomsbury Academic.
- Bensaude Vincent, B. (2014). The politics of buzzwords at the interface of technoscience, market and society: The case of 'public engagement in science'. *Public understanding of science*, 23(3), 238-253.

## 9. Various sources seek to categorise the various types of smart technology, this article has the clearest categorisation in my opinion:

- Darby, S. J. (2018). Smart technology in the home: time for more clarity. *Building Research & Information*, 46(1), 140-147.

## For additional literature on Internet of Things, See:

- Rose, K., Eldridge, S., & Chapin, L. (2015). The internet of things: An overview. *The internet society (ISOC)*, 80(15), 1-53.
- Kamel Boulos, M. N., & Al-Shorbaji, N. M. (2014). On the Internet of Things, smart cities and the WHO Healthy Cities. *International journal of health geographics*, 13, 1-6.

## 10. Quote taken from:

- Rezaei. (n.d.). What is smart technology and what are its benefits? <https://www.rezaei.co.uk/post/smart-technology-and-its-benefits#:~:text=The%20word%20%22SMART%22refers%20to,in%20the%20past%20considered%20inanimate.>

## Additional literature on new-found awareness of inanimate technologies with smart integration:

- Gellersen, H. W., Schmidt, A., & Beigl, M. (2002). Multi-sensor context-awareness in mobile devices and smart artifacts. *Mobile Networks and Applications*, 7, 341-351.

## 11. See:

- Kinsley, S. (2011). Anticipating ubiquitous computing: Logics to forecast technological futures. *Geoforum*, 42(2), 231-240.

- Kinsley, S. (2012). Futures in the Making: Practices to Anticipate 'Ubiquitous Computing'. *Environment and Planning A: Economy and Space*, 44(7), 1554-1569.
- Pickren, G. (2018). 'The global assemblage of digital flow' *Critical data studies and the infrastructures of computing*. *Progress in Human Geography*, 42(2), 225-243.

12. See:

- Kinsley, S. (2012). Futures in the Making: Practices to Anticipate 'Ubiquitous Computing'. *Environment and Planning A: Economy and Space*, 44(7), 1554-1569.

13. See source [3].

14. See:

- Kinsley, S. (2010). Practising Tomorrows? Ubiquitous Computing and the politics of anticipation. Unpublished PhD Thesis, University of Bristol, UK.
- Ulmer, G. L., & Freeman, J. C. (2022). Beyond the virtual public square: Ubiquitous computing and the new politics of well-being. In: *Augmented reality art: From an emerging technology to a novel creative medium* (pp. 171-189). Cham: Springer International Publishing.

15. In order:

- [https://store.google.com/gb/product/nest\\_learning\\_thermostat\\_3rd\\_gen?hl=en-GB&pli=1](https://store.google.com/gb/product/nest_learning_thermostat_3rd_gen?hl=en-GB&pli=1)
- <https://www.vivint.com>
- <https://furbo.com/uk/products/furbo-360-dog-camera>
- <https://www.thermacell.com/series/liv>

16. For an [*admittedly dated*] animation of a smart home and everyday applications, see: <https://www.youtube.com/watch?v=qCpRAoU5jTE>

17. 'Private' areas of the home are discussed subsequently [XX], with this avenue of analysis mobilising Habermasian theory of public/private life. See:

- Habermas, J. (1964). The public sphere: an encyclopaedia article. *The idea of the public sphere: A reader*, 114.
- Habermas, J. (1991). *The structural transformation of the public sphere: An inquiry into a category of bourgeois society*. MIT press.

18. See:

- Bennett, J. (2004). The force of things: Steps towards an ecology of matter. *Political Theory*, 32(3), 347-372.
- Whatmore, S. (2006). Materialist turns: Practicing cultural geography in and for a more-than-human world. *Cultural Geographies*, 13, 600-609.

19. See:

- Latour, B. (1991). *We have never been modern*. Harvard University Press.
- Latour, B. (2005). *Reassembling the Social: An Introduction to Actor-Network-Theory*. Oxford: Oxford University Press.

20. Quote and analysis taken from:

- Ash, J. (2018: 5). Phase Media. In Phase Media: space, time, and the politics of smart objects. Bloomsbury Academic.

21. Quote taken from:

- Gibas, P. (2019: 602). Between roots and rhizomes: Towards a post-phenomenology of home. Transactions of the Institute of British Geographers, 44(3), 602-615.

22. Analysis taken from:

- Ash, J. (2018: 5). Phase Media. In Phase Media: space, time, and the politics of smart objects. Bloomsbury Academic.

23. E.g.:

- Balta-Ozkan, N., Davidson, R., Bicket, M., & Whitmarsh, L. (2013). The development of the smart homes market in the UK. Energy, 60, 361–372.

24. E.g.:

- Gram-Hanssen, K., & Darby, S. J. (2018). “Home is where the smart is”? Evaluating smart home research and approaches against the concept of home. Energy Research & Social Science, 37, 94-101.

25. See:

- Habermas, J. (1964). The public sphere: an encyclopaedia article. The idea of the public sphere: A reader, 114.
- Habermas, J. (1991). The structural transformation of the public sphere: An inquiry into a category of bourgeois society. MIT press.

26. See:

- Gram-Hanssen, K., & Darby, S. J. (2018). “Home is where the smart is”? Evaluating smart home research and approaches against the concept of home. Energy Research & Social Science, 37, 94-101.
- Lippett, M. (2022, May 6). Council post: Privacy, intelligence, agency: Security in the smart home. Forbes. <https://www.forbes.com/sites/forbestechcouncil/2022/05/05/privacy-intelligence-agency-security-in-the-smart-home/>

27. See:

- Wood, L., Swanson, K. & Colley, D, E. (2020). Tenets for a Radical Care Ethics in Geography. ACME: An International Journal for Critical Geographies, 19 (2), 424-447.
- McEwan, C., & Goodman, M. K. (2010). Place Geography and the Ethics of Care: Introductory Remarks on the Geographies of Ethics, Responsibility and Care. Ethics, Place & Environment, 13(2), 103-112.

28. See:

- Fisk, M. J. (2001). The implications of smart home technologies. In Inclusive housing in an ageing society (pp. 101-124). Policy Press.
- Bennett, J., Rokas, O., & Chen, L. (2017). Healthcare in the smart home: A study of past, present and future. Sustainability, 9(5), 840.

29. E.g.:

- Sarti, R., & Scrinzi, F. (2010). Introduction to the special issue: Men in a woman's job, male domestic workers, international migration and the globalization of care. Men and masculinities, 13(1), 4-15.
- Van Gameren, E., & Ooms, I. (2009). Childcare and labor force participation in the Netherlands: The importance of attitudes and opinions. Review of Economics of the Household, 7(4), 395-421.