

## COMPREHENSIVE REVIEW READING LIST (FALL 2013)

### Human-Centered Computing

1. Ackerman, M. S. (2000). "The Intellectual Challenge of CSCW: The Gap Between Social Requirements and Technical Feasibility." *Human-Computer Interaction*, 15(2-3), 179-204.
2. Balakrishnan, R. (2004). "Beating" Fitts' law: virtual enhancements for pointing facilitation. *International Journal of Human-Computer Studies*, 61(6), 857-874.
3. Bernstein, M. S., Little, G., Miller, R. C., Hartmann, B., Ackerman, M. S., Karger, D. R., ... & Panovich, K. (2010, October). Soylent: a word processor with a crowd inside. In *Proceedings of the 23rd annual ACM symposium on User interface software and technology* (pp. 313-322). ACM.
4. Bush, V. (1945). "As we may think", *Atlantic Monthly*, 101-108.
5. Card, S. (2008). "Information Visualization. In: Jacko, J., Sears, A. *Handbook of Human-Computer Interaction*. Lawrence Erlbaum Associates, 509-543.
6. Carroll, J. M. (1997). "Human-computer interaction: Psychology as a science of design", *International Journal of Human-Computer Studies*, 46(4), 501-522.
7. Crabtree, A., T. Rodden, P. Tolmie, and G. Button (2009). "Ethnography Considered Harmful", *Proceedings of CHI*, ACM Press, 879-888.
8. Dourish, P. (2004). "What we talk about when we talk about context." *Personal Ubiquitous Computing*, 8(1), 19-30.
9. Grudin, Jonathan. (1994) "Groupware and social dynamics: eight challenges for developers", *Communications of the ACM*, 37(1), 92-105.
10. Grudin, J. (2008). A moving target: The evolution of HCI. In A. Sears & J. A. Jacko (Eds.), *The human computer interaction handbook: Fundamentals, evolving technologies, and emerging applications*, 2nd ed. (pp. 1-24). New York: Lawrence Erlbaum Associates.
11. Hiltz, S.R. & Turoff, M. (1981). The evolution of user behavior in a computerized conferencing system. *CACM* 24(11), 739-751.
12. Hollan, J, and S Stornetta. 1992. Beyond being there. In *Proceedings of ACM CHI '92 Conference on Human Factors in Computing Systems*. New York: ACM Press.
13. Hutchins, E., Hollan, J., & Norman, D.A. (1986). *Direct Manipulation Interfaces*. In D.A.N. & S. Draper (Eds.), *User Centered System Design: New perspectives on human-computer interaction*. Hillsdale, New Jersey: Lawrence Erlbaum.
14. Mackay, W. (1999) "Is paper safer? The role of paper flight strips in air traffic control." *ACM Transactions on Computer-Human Interaction*, ACM Press, 6(4), 311-340.
15. Marcus, A. (2008) "Global And Intercultural User-Interface Design" In: A. Sears and J. Jacko (eds) *Handbook of Human-Computer Interaction (2nd Edition)*. Lawrence Erlbaum Associates, 355-380.
16. McGrath, J. E. (1995). Methodology Matters: Doing Research in the behavioral and social sciences. In R. M. Baecker, J. Grudin, W. A. S. Buxton, S. Greenberg, (eds.), *Readings in Human-Computer Interaction: Toward the Year 2000*, pp. 152-169.
17. Myers, B., S.E. Hudson, and R. Pausch (2001). "Past, Present and Future of User Interface Software Tools," in J. M. Carroll, (ed.) *HCI In the New Millennium*. ACM Press, 213-233.

18. Newell, A.F. (1995) "Extra-ordinary Human Computer Interaction." Extra-Ordinary Human Computer Interaction, Cambridge University Press, 3- 15.
19. Nielsen, J. and J. Levy (1994) "Measuring usability", Communications of the ACM, ACM Press, 37(4), 66-75.
20. Norman, D. A. (1988). "The Psychopathology of Everyday Things. In: The Psychology of Everyday Things." New York, NY: Basic Books, Inc.
21. Orlikowski, W. (1992) Learning from Notes: Organizational Issues in Groupware Implementation. Proceedings of the Conference on Computer Supported Cooperative Work (November, Toronto, Canada), ACM/SIGCHI & SIGOIS, NY: 362 369.
22. Oulasvirta, A., Tamminen, S., Roto, V., & Kuorelahti, J. (2005, April). Interaction in 4-second bursts: the fragmented nature of attentional resources in mobile HCI. In *Proceedings of the SIGCHI conference on Human factors in computing systems* (pp. 919-928). ACM.
23. Shneiderman, B. and P. Maes (1997) "Direct manipulation vs. interface agents", *Interaction*, 4(6) 42-61.
24. Wobbrock, J. O., Morris, M. R., & Wilson, A. D. (2009, April). User-defined gestures for surface computing. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 1083-1092). ACM.