MSc / MRes AID

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course outline

techniques

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 intro & scenarios

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 task analysis

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 dialogue design

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 state definition

 fri
 –
 architecture

the human

colour 3D vision closure

issues experience and value

media networks and web ubiquitous interaction time

examples excel (modes, closure) hci search (value) car courtesy lights

textbooks

- Human-Computer Interaction 2nd edition. A. Dix, J. Finlay, G. Abowd and R. Beale. Prentice Hall, 1998.
- Human-Computer Interaction. J. Preece, Y. Rogers, Helen Sharp, D. Benyon, Simon Holland and T. Carey, Addison Wesley, 1994.
- Interaction Design, Preece et al. Wiley, 2002

edited collections

- Human-Computer Interaction Handbook, J. Jacko and A. Sears. Lawrence Erlbaum, 2003.
- Perspectives on HCI, A. Monk and N.Gilbert, Academic Press, 1995 (hard to get hold of now)

due out by next spring ...

- HCI Models, Theories, and Frameworks: Toward an Interdisciplinary Science. J. Carroll. Morgan Kaufmann.
- Funology: From Usability to Enjoyment. M. Blythe, A. Monk and P. Wright. Kluwer, 2003.

what you will learn (I hope!)

- facts (read the book!)
 - about systems and about humans
- analysis – deep understanding of issues
- design
 - from understanding to solutions
- attitude
 - thinking about real use and real users





1980s - personal computers
 one man and his machine
 and they were men!



- 1980s personal computers
- late 1980's & 1990s CSCW
 - -lots of people
 - -geographically remote
 - -but ...
 - one person per machine

increasing multiplicity

- 1980s personal computers
- late 1980's & 1990s CSCW
- family use, global networks, ubiquitous devices





• computers in your pockets?







work and fun • traditional HCI methods -tasks, goals, work, work, work - and the odd game • now -e-shopping, communities, home

- experience and enjoyment
- more decision points

useful, usable and used

- useful
- functional, does things
- usable
- easy to do things, does the right things used
 - attractive, available, acceptable to organisation





















- stories for design
 - -communicate with others
 - -validate other models
 - understand dynamics
- linearity
 - time is linear our lives are linear
 - -but don't show alternatives

