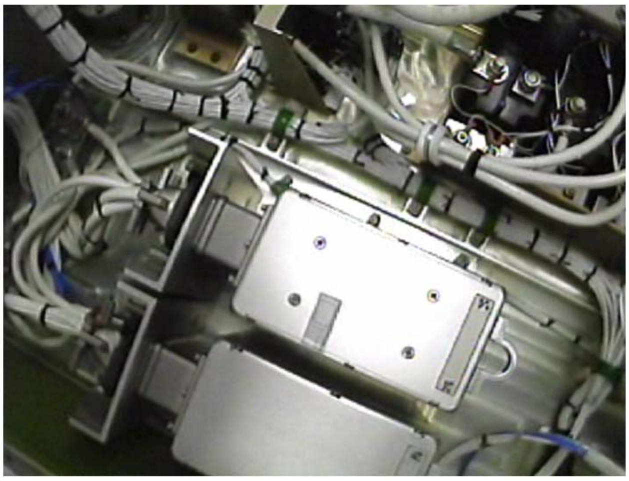
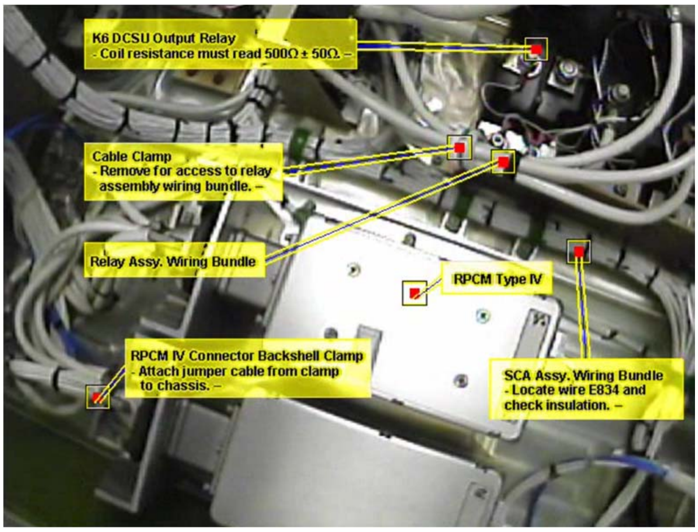
Human-Computer Interaction

Lecture 5: Augmented and mixed reality

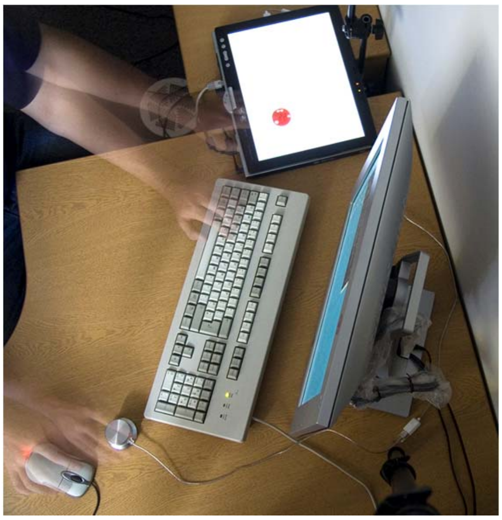
VIRTUAL REALITY (VR)

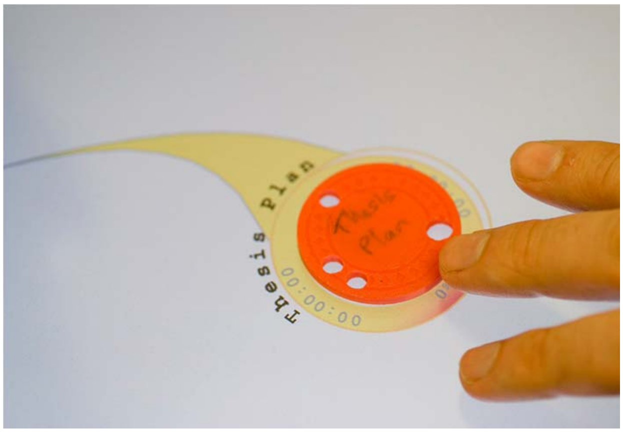
AUGMENTED REALITY (VR)




K6 DCSU Output Relay
- Coil resistance must read 500Ω ± 50Ω. –
Cable Clamp
- Remove for access to relay assembly wiring bundle. –
Relay Assy. Wiring Bundle
RPCM Type IV
RPCM IV Connector Backshell Clamp
- Attach jumper cable from clamp to chassis. –
SCA Assy. Wiring Bundle
- Locate wire E834 and check insulation. –

TANGIBLE USER INTERFACES (TUI)




Thesis Plan
00:00:00
Thesis Plan

PAPER INTERFACES

The ‘affordances’ of paper for reading (Sellen & Harper)

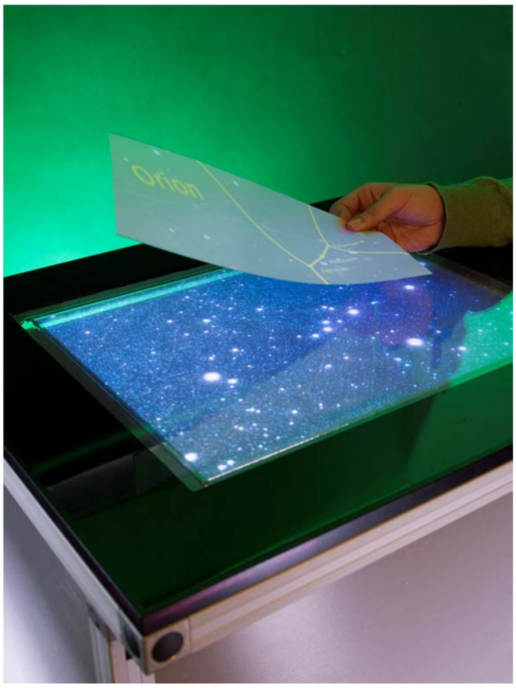
- Paper
  - Quick flexible navigation
  - Reading across more than one document at once
  - Marking up while reading
  - Interweaving reading and writing
- Digital
  - Storing large amounts
  - Fast full-text searching
  - Quick links to related material
  - Dynamically modifying content

Sharing and management with paper (Sellen & Harper)

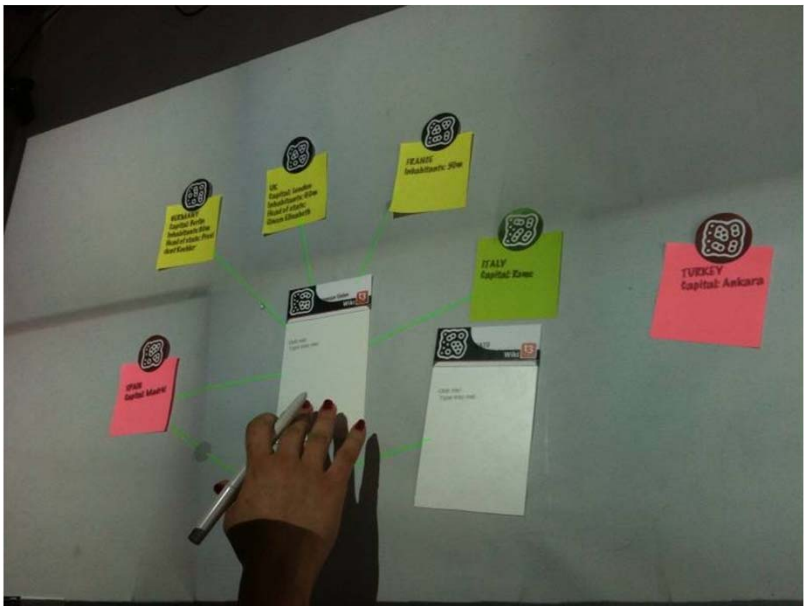
- Paper
  - Control access until it is 'ready'
  - Reminding by flicking through
  - Portability for meetings
  - Joint viewing and discussion markup
- Digital
  - Large amounts of info in a small space
  - Access remote information
  - See central store from wide range of locations
  - Fast exhaustive searching

SURFACE INTERACTION

4834
72875
4834
2400
490
390
290
10000
79

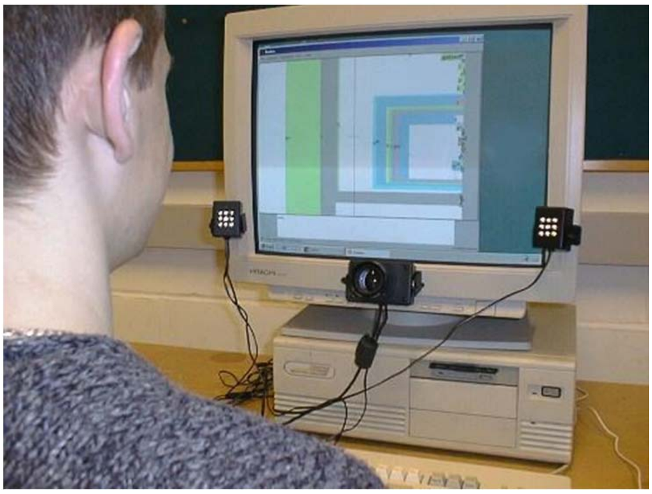


MACHINE VISION

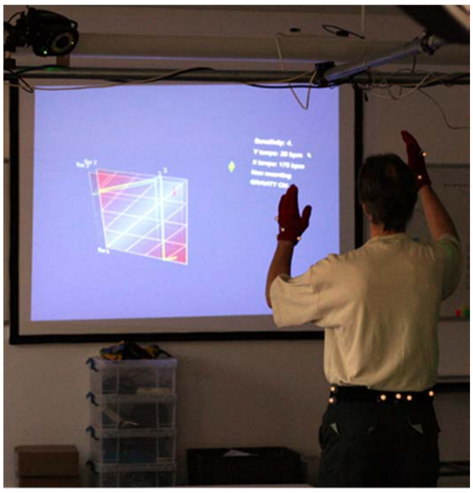

TURKEY
Capital: Ankara
ITALY
Capital: Rome
FRANCE
Inhabitants: 60m
SPAIN
Capital: Madrid

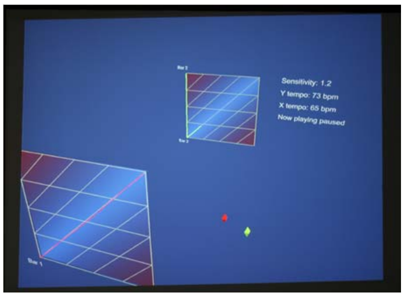
Welcome to TagLand!
Click on a tag to join or leave a queue
Airtubes
ScaryCoaster
Waterslide
NOKIA
Blue Connect
"Waterslide"
You are not in queue.
Waiting time: 2 mins

GAZE TRACKING



EMBODIED INTERACTION

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Y tempo: 73 bpm
X tempo: 65 bpm
Now playing paused