6.2 Technology in the Space of Culture

CS 5984 Design of Interactive Systems
February 23, 2005
Turned up to 11...

- Can You See Me Now & Bystander (Benford & Greenlagh)
- Crossings (Makkuni)
- XFR (PARC/RED)
- FeralRoboticDogs & LiveWire (Jeremijenko)
- Father Why?, Is Anyone There? & Telepresent (Stephen Wilson)
- Arcade Project (Project Blikenlight)
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Can You See Me Now?

- Real/virtual game of tag
- Central Sheffield, UK: handheld units (GPS, radios, transponder, map display) + base station
- Virtual: streaming server, robust map client
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Crossings

Place-specific: Banaras on the Ganges River

Culturally-specific: Banaras and Ganges are sacred places in Hinduism. (Also for Buddhism and Jainism.)

Show and prototype objects

Project foci:
- displacement
- representation (and re-presentation)
- hand skills to learning (embodiment)
Crossings
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XFR: eXperiments in the Future of Reading
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FeralRoboticDogs

- Re-worked Aibo (and other) robot dogs
- sniff about searching for hazardous chemicals
LiveWire

- Xerox PARC
- Indicator of network traffic
- Corner of Mark Weiser’s office
- Visible in window to passersby in hallway
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Father Why?

Maps emotions related to loss to places
Is Anyone There?

- Probe of conditions at specific places
- Similar to Halprin “score” for San Francisco
- Calls to pay phones using automated dialog
- Mapped back onto map of city (e.g. visualization)
Telepresent

- A “gift” that is never opened
- camera, cellphone, power supply (long before cellphone cameras)
- transmits to server
- subscribers can choose to “accept” the gift image
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Arcade Project

Cellphone to building lights control
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So?

All are: “compelling”, critical, and genre-crossing

At hand (CanYouSeeMeNow, Crossings, & Telepresent) vs. environmental (IsAnyoneThere? & Arcade)

Repurpose vs new

General (e.g. FeralRoboticDogs) or specific (Crossings)?

Process? (methods?)

Analysis?
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D/R: Eeeww

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D/R: sH@z4m
D/R: QuakeView

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Coming Attractions...

for Friday: Sketch Problem 4 due