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Computing

PBS Nova: Face to Face

CS5540 HCI
Rich Riesenfeld
Fall 2008

What is relevance to HCI ? - 2

6. Cultural differences pertain to HCI design
 - Useful HCI design info ?
 - HCI diffs: Japan v. USA
7. Humans have special processors
 - Useful HCI design info ?
8. Physiological principles pertain to HCI
9. Human behavior principles pertain to HCI

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What is relevance to HCI ? - 1

1. Our *face* is an human-human interface
2. Interfaces are complicated
3. Interfaces are subtle
4. Role in HCI for subliminal effects ?
5. User response can be hard to judge
 - Face hard to interpret, at times

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What is relevance to HCI ? - 3

10. Human response is highly variable
11. Inputs not accepted well in some excited states
12. Understanding facial communications can lead to better HCIs
 - Can we use this special processor?

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What is relevance to HCI ? - 4

- 13. Nonverbal, nontextual communications can dominate effect
- 14. Emotion has a role in interfaces
 - How ?
- 15. Some people have phobia
 - Be aware of idiosyncratic behavior
 - 13th floor?

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What is relevance to HCI ?

- 19.
-
- 20.
-
- 21.
-
- 22.
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What is relevance to HCI ? - 5

- 16. Face-to-Face is preferred to machine mediated communications
 - What are design implications ?
- 17. Anthropomorphic designs
 - Evocative?
- 18. Context plays significant role in human response

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