Seminars

Beryl

Robotic Assistants http://homepages.feis.herts.ac.uk/~comqkd/Cogniron-IROS-Dautenhahnetal.pdf

Fisheye techniques http://portal.acm.org/citation.cfm?id=1275512

Multi-touch interaction http://portal.acm.org/citation.cfm?id=1124772.1124963

Interfaces for physical play – http://exertioninterfaces.com/

Mathematics tutoring usability http://www.cs.usyd.edu.au/~aied/vol8/vol8_Benzmuller.pdf   There is an annual conference on intelligent tutoring systems

Physics tutoring usability
http://books.google.com/books?hl=en&lr=&id=cn7kj8BQ04EC&oi=fnd&pg=PA133&dq=physics+tutoring+usability&ots=WfJYrIBky9&sig=Uj9v61u0VnsOU5O3Rx5htzybLPk#PPA133,M1
There is an annual conference on intelligent tutoring systems

Online maps usability
http://www.questia.com/googleScholar.qst;jsessionid=HNBZ1LJvJgPbhQL1nQ12Lwm4562HmyvJvGzfTGyL3tvgZtr7lW1g!-1370947035?docId=5000637589

Brain Computer Interaction (EEG) interfaces

New command line interaction http://portal.acm.org/citation.cfm?doid=1330526.1330535

Gerald

Agents: Mixed initiative http://www.cs.cmu.edu/~tomasic/doc/2007/ZimmermanEtAlCHI2007.pdf

Semantic Wikis

Behavioral reflection: http://portal.acm.org/citation.cfm?doid=1124772.1124832

Recommender Systems http://www.springerlink.com/content/c04w073625734677/

Constraint-based drawing http://citeseer.ist.psu.edu/heydon94juno.html

User Frustration http://dx.doi.org/10.1016/j.intcom.2005.06.001

Automatically generated UIs: http://portal.acm.org/citation.cfm?id=964461

Usability for the Elderly: http://portal.acm.org/citation.cfm?id=1035578

Metaphor-based interaction: http://portal.acm.org/citation.cfm?doid=1188816.1188820

Projects

Beryl

Wii Music – use the wii controllers to make music (drums, violin, ????) x2

Digital Notepad Interfacing – interface the ink data from one of the digital note pads to an interactive inking program   x3

Document Resizing – automatically resize a complex ms word document to about 4x the original size

Comparative study of sketch and widget based mind-mapping tools - counting ideas and examining construction methods

Comparative study of sketch and widget based graph construction examining construction techniques

Gerald

Implementation of an advanced Table Widget on top of ALM: **x 3**
https://www.se.auckland.ac.nz/research/trReports/details/?tid=UoA-SE-2007-11

http://www.cs.auckland.ac.nz/~lutteroth/projects/alm/

implementation project: text input with sound from instruments

Usability study: learning text input with a digital piano

Messenger de luxe: x 2