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Einladung zum Informatik-Kolloquium

Im Rahmen des Informatik-Kolloquiums spricht

Dr. Patrick Baudisch

Research Scientist, Microsoft Research, Seattle
Affiliate Assistant Professor, University of Washington

am Montag, dem 02.06.2008 um 13:00 Uhr,
im Seminarraum 0.124 des Informatikgebäudes
Universitätsstraße 38, 70569 Stuttgart

über

Small screens and large screens, focus and context

Large screens and small screen devices are commonly thought of as opposite ends of the display spectrum. In this talk, I challenge this notion by demonstrating that very small and very large screens share key properties that make both of them different from traditional desktop displays.

I illustrate this claim with selected research projects that evolve around the notion of focus and context. I present a focus-plus-context screen that mimics human the human visual apparatus by combining a small high-resolution screen center with a large low-resolution periphery. I then extend the concept to interaction and demonstrate techniques that treat distant screen regions differently from screen space located close by (e.g., drag-and-pop). Finally, I show how the same structures and interaction concepts can be observed in the domain of small screen devices (e.g., halo).

I am discussing the topic from a human-computer interaction perspective, inspecting each project not only from a computer science perspective, but also from design, engineering, and empirical sciences.

More information at <http://www.patrickbaudisch.com/projects>