

Managing Multiples

March 25th, 2009

Room 213, Petty Science Building

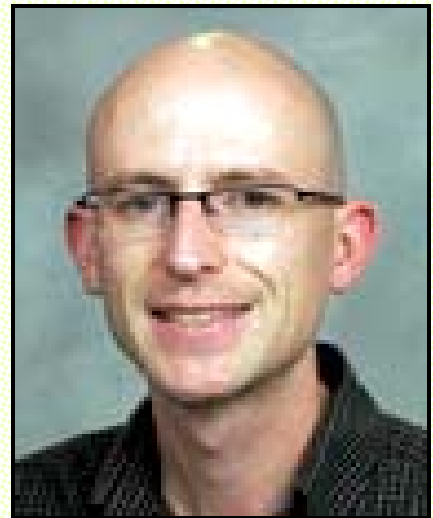
11:00am -12:00pm

Speaker:

**Dr. Duke Hutchings, Assistant Professor
Department of Computer Science, Elon University**

Abstract

Whether using multiple monitors or remembering multiple passwords, in my research I address user Needs in managing multiple instances of an item. I will discuss the foundation, design, development, and evaluation of two window management tools that exploit the inherent properties of multiple-monitor systems. There will be a demo of two Windows XP applications: (1) a live inspection of the Snip window operation that allows users to view any subarea of a window while still allowing window interaction; and (2) a video depiction of Mudibo, a tool that allows for a unique and efficient approach to dialog box interaction on multiple displays. I will also discuss a novel visual approach to assigning and entering user passwords and an associated pilot study that indicates that a visual password system can lead creating passwords that are both more memorable and more secure (i.e., have higher entropy) than standard approaches.



Biography

Duke Hutchings recently joined the computing sciences faculty at Elon University after spending two years as a member of the computer science faculty at Bowling Green State University. He completed his Ph.D. work as a student in the Information Interfaces Lab in the GVI Center at Georgia Institute of Technology and as an intern in the VIBE group at Microsoft Research. He has published work on multi-display window management and usability of visual password systems. He also maintains a research interest in information visualization.

Dr. Hutchings website is: <http://facstaff.elon.edu/dhutchings/>