

Daniel Cutting

School of Information Technology
University of Sydney
Sydney, NSW 2006, Australia
+61 2 9351 5711
dcutting@it.usyd.edu.au

BIOGRAPHY

I completed my first class honours degree in Computer Science at the University of New South Wales in 1998 under the supervision of Gernot Heiser. My honours thesis, "Protection Domains and Threads in Mungi", dealt with UNSW's single address space operating system, Mungi.

Since then I traveled extensively throughout Europe and worked at several web development companies, both in Sydney and London. More recently I developed desktop software for a large accounting software firm.

In April 2003 I decided to return to full-time study to pursue a Ph.D. in Computer Science at the University of Sydney. Under the guidance of my supervisor, Dr Aaron Quigley, I am exploring the areas of identity management, context-awareness, intelligent environments and augmented reality. I am particularly interested in the concept of nymity as a way of managing identity, and augmented reality as a way of visualising various aspects of the intelligent environment.

MOTIVATION FOR ATTENDING

I'm interested in attending the UbiComp Doctoral Colloquium for several reasons, primarily to gain insight from people who are already working with the concepts of identity management, nymity and intelligent environments, but also to help me find a challenging and interesting direction to continue my research. Having already attended a meeting with various new Australian PhD students from a range of disciplines, I would like to also meet with international students to broaden my knowledge of the field and its current state. Finally, I'd like useful feedback on some of the more fundamental concepts raised in this paper.