Dr. Keith Cheverst

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Biography

Keith Cheverst graduated from Lancaster University in 1992 to become a Research Assistant with Lancaster's Computing Department. He obtained his Ph.D. in 1999 with a thesis on group support for mobile distributed groupware applications. Shortly afterwards, he took up a lectureship with the Computing Department at Lancaster.

Research Interests

Keith's research interests include distributed systems support for mobile and context-aware systems, mobile distributed groupware/CSCW applications and the human factors issues associated with context-aware computing.

GUIDE

The EPSRC funded GUIDE project has developed, deployed and evaluated a mobile context-aware system for supporting visitors to the city of Lancaster.

For more information, see *www.guide.lancs.ac.uk/*

CASCO

The aim of the CASCO project is to explore the design space of Context-Aware Support for Cooperation and to investigate the human factors issues that arise from the sharing of personal context in different domains.

For more information, see *www.comp.lancs.ac.uk/computing/staff/kc/CASCO.html*

Digital Care

This project, which is part of the IRC EQUATOR project, is concerned with investigating how the use of ubiquitous technologies can support those in care.

For more information, see *www.equator.ac.uk/projects/DigitalCare.html*

Recent Publications

Cheverst, K., N. Davies, K. Mitchell and A. Friday, *Experiences of Developing and Deploying a Context-Aware Tourist Guide: The GUIDE Project.* In: Proc. of MOBICOM 2000, Boston, ACM Press, pp 20-31. August 2000.

Cheverst, K. and G. Smith, *Exploring the notion of information push and pull with respect to the user intention and disruption.* In: Proc. of International workshop on Distributed and Disappearing User Interfaces in Ubiquitous Computing (CHI 2001). Seattle, U.S., April 2001.

Cheverst, K., G. Smith, N. Davies, K. Mitchell and A. Friday, *The role of shared context in supporting cooperation between city visitors.* In: COMPUTERS & GRAPHICS, Vol. 25, No. 4, pp 555-562, 2001.

Cheverst, K., N. Davies, K. Mitchell and C. Efstratiou.: *Using Context as a Crystal Ball: Rewards and Pitfalls.* In: Personal Technologies Journal, Vol. 3 No. 5, pp 8-11, 2001.

Cheverst, K., N. Davies, K. Mitchell, *Investigating Context-aware Information Push vs. Information Pull to Tourists.* In: Proc of Mobile HCI 2001: Third International Workshop on Human Computer Interaction with Mobile Devices, (IHM-HCI 2001) Lille, France, September 2001.