



Albrecht Schmidt

Computing Department
Lancaster University
Lancaster, UK
LA1 4YR

Web: www.comp.lancs.ac.uk/~albrecht/

E-mail: albrecht.schmidt@acm.org

Tel: +44 (0) 1524 593786

Fax: +44 (0) 1524 593608

Biography

Albrecht Schmidt received an MSc in Computing from Manchester Metropolitan University (UK) in 1996; in 1997 he finished his Master in computer science at the University of Ulm (Germany). As a research assistant he was working towards a PhD at TecO, University of Karlsruhe (Germany) from 1998 to 2001. He changed to Lancaster University (UK) where he is in now the final year of his PhD. Albrecht Schmidt is working in the area of situated interaction and context-awareness in the research field of ubiquitous computing.

Research Interests

Albrecht Schmidt is interested in the use of sensors to gain context, models and mechanisms to distribute and provide context, and the resulting implications for human computer interaction.

Albrecht Schmidt had a leading role in hard- and software development for the European project 'Technology for Enabling Awareness (TEA)'. In the project a component that can supply context information to mobile devices, such as mobile phones, PDAs, and wearable computers was developed. The context is calculated from a number of different sensors (e.g. light, acceleration, temperature, microphones, touch) using a microcontroller.

www.teco.edu/tea/

He was also working on further projects such as 'Aware Goods' and 'Implicit Human Computer Interaction in Wearable Computing'. These projects that were conducted in cooperation with SAP research explored the uses of context in business applications.

Currently Albrecht Schmidt is involved in the project 'Smart-Its' that envision small-scale smart devices that can be attached to mundane everyday artefacts to augment these with a "digital self". www.smart-its.org/

Recent Publications

A. Schmidt, K.A. Aidoo, A. Takaluoma, U. Tuomela, K. Van Laerhoven and W. Van de Velde, *Advanced Interaction in Context*, Proc. of First International Symposium on Handheld and Ubiquitous Computing (HUC99), Karlsruhe, Germany, September 1999, LNCS 1707, Springer-Verlag, pp. 89-101.

A. Schmidt, M. Beigl and H.W. Gellersen, *There is more to context than location*, *Computer & Graphics* 23(6), December 1999, pp. 893-901.

A. Schmidt, *Implicit Human-Computer Interaction through Context*, *Personal Technologies* 4(2&3), June 2000, pp. 191-199.

A. Schmidt, A. Takaluoma and J. Mäntyjärvi, *Context-Aware Telephony over WAP*, *Personal Technologies* 4(4), December 2000. pp. 225-229.

A. Schmidt, and K. Van Laerhoven, *How to Build Smart Appliances?*, *IEEE Personal Communications* 8(4), August 2001.