

Curriculum Vitae

Charlotte Magnusson

Date of birth: December 13, 1961

Charlotte Magnusson (Docent, PhD, MSc Engineering Physics Certec, Department of Design Sciences, Lund University. Charlotte has currently two particular areas of interest. The first is concerned with non-visual interaction design and how use of other senses than the visual can be used in applications and services. The second is design and design methodology for persons with and without disabilities. Charlotte is also an experienced programmer, with particular experience from interactive multimodal applications.

When Charlotte started working at Certec in 1993 her work was centered around the needs of people with cognitive impairments and the possibilities offered by artificial intelligence (AI) and other advanced computer technologies in this context – and how knowledge based systems/expert systems may be used and developed in areas where the knowledge is mostly so-called soft or tacit knowledge. Since 2001 her area of interest has shifted more towards HMI (human – machine interaction) and in particular towards non-visual interaction design.

Charlotte has been a member of five PhD examination boards – three in Sweden (two at Lund University and one at KTH), one in Italy (Verona University) and one in Belgium (Hasselt University). Charlotte also acts as a reviewer for several journals and conferences within the haptics/HCI field. Charlotte has been assistant advisor for Calle Sjöström (dissertation 2002), Arne Svensk (licentiate 2001) and Kirsten Rasmus-Gröhn (licentiate 2006, dissertation 2008).

Charlotte was the project manager for the Svarne Project from 1993 until its completion in 1997. In 2001, she was responsible for Certec's participation in ENORASI, a European Union project. She has also been responsible for a number of small to medium sized projects, such as the Social Simulator project or the "Projekt haptik och trafik". Recently she has been responsible for the Department of Design Sciences' participation in the European Network of Excellence ENACTIVE, in the integrated project ENABLED and the STREP MICOLE. Currently she is currently the coordinator of the integrated project HaptiMap (EU). In addition to this she leads/participates in the national projects HIPP and "Responsiva gester som styrsätt för rörelsehindrade".

At NordiCHI 2008 (Lund, Sweden) she was the short paper chair, and she also organized the workshop 'Guidelines for haptic lo-fi prototyping' together with Stephen Brewster, Glasgow University. Together with Kirsten Rasmus-Gröhn (Certec, Lund University) she organized the workshop "Non-visual interaction in mobile/location based games", which was held within ELBES (European Locations based Entertainment Summit) Malmö, Sweden, in May 18th 2009. She is currently involved in the organization of the workshop Multimodal Location Based Techniques for Extreme Navigation to be held at Pervasive 2010 (Helsinki, Finland).

Charlotte's publications can be found at
<http://www.arkiv.certec.lth.se/haptics/publications.asp>