

CURRICULUM VITAE

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Education / Exams

2004	Ph.D. Consumer Technology, Chalmers University of Technology
2001	Lic. Phil. Consumer Technology, Chalmers University of Technology
1997	Masters degree (Civ.Ing) Mechanical engineering, Chalmers

Employments/Positions

2010-	Assistant Professor, div.. Design & Human Factors, Chalmers
2007-	Researcher (Doktorstjänst), div.. Design & Human Factors, Chalmers
2006	Researcher, div. Design, Chalmers (30%)
2005-2006 (50%)	Researcher, Gothenburg University, Center for Consumer Science
1998-2004	Ph.D Student, dep. of Consumer Technology/HFE, Chalmers
1997	Project employment dep. of Consumer Technology, Chalmers

Peer Review Commissions

Scientific peer reviewer for papers submitted to the International conference on Design & Emotion 2006, 2008, 2010, 2012

Scientific peer reviewer NordDesign 2010

Scientific peer reviewer IASDR 2011

Scientific peer reviewer International Journal of Human Factors & Ergonomics 2011

Research

The research of Pontus Engelbrektsson concerns the relation between people and technical artefacts on different levels of the man-technology-system. Key words that can

be associated with his research involve user-centred design and development, adoption and acceptance. An important building block of the research is efficient and effective methods and tools for identifying customers'/users' needs as well as for evaluating design solutions from a user perspective. Another important issue is prerequisites for people's adoption of new technology, how new technology is domesticated and becomes part of people's everyday life. Main application areas for Pontus Engelbrektsson's research are, at present, intelligent transport systems (ITS), both public transportation and private vehicles, and intelligent vehicle safety systems (IVSS).

Pedagogic matters

Pontus Engelbrektsson is currently responsible for two courses, Methods for interaction analyses at the IT University in Gothenburg, as well as Produktutveckling - Behov och krav (Product Development - needs and requirements) at the Industrial Design Engineering programme at Chalmers University of Technology in Gothenburg. In addition he gives lectures in several courses at Chalmers as well as at Skövde University, supervises course students, final exam students, and is assistant supervisor for Ph.D. students.

Publications

Dissertation thesis

1. Engelbrektsson P. *Enabling the User - Exploring methodological effects on user requirements elicitation*, Dissertation, div. Human Factors Engineering, dep. Product and Production Development, Chalmers, Göteborg

Licentiate thesis

2. Engelbrektsson, P. (2001), *Eliciting customer requirements -Reducing uncertainty in the product development process by user involvement*, Lic., Chalmers university of technology, Göteborg.

International journal and conference (full) papers

3. Karlsson, I.C.M, Engelbrektsson, P., (2010) On the issue of subjective data - Experiences from a small scale field operational test, in *Proceedings from Humanist 2010*
4. Karlsson, I.C.M, Engelbrektsson, P. (2010) Catching wasps and baking dinosaurs, in *proceedings from DRS2010 Design & Complexity*
5. Karlsson, M A., Engelbrektsson, P., Larsson, L., Pareto, L., Snis, U., Berntsson, B. & Svensson, L. (2009): Use-centred design of medical and health care technology: A pilot study of field tests as a development tool. Accepted for publication in *Int. J. Biomedical Engineering and Technology*.
4. Brembeck H., Karlsson M., Ossiansson E., Shanahan H., Jonsson L., Bergström K., and Engelbrektsson, P., (2007) Enjoyment and concern. The importance of food and eating for aging consumers, *Proceedings from the Nordic Consumers Policy Research Conference 2007, Helsinki, Oct. 3-5, 2007, pp. 1-20.*

5. Karlsson, MariAnne; Engelbrektsson, Pontus; Larsson, Lena E.; Pareto, Lena; Snis, Ulrika; Svensson, Lars; Berndtsson, Bo (2007), Creating an arena for use-centred development of medical and health care technology, Proceedings of the 6th International Conference on the Management of Healthcare and Medical Technology, Pisa, 3-5 October 2007
6. Engelbrektsson P., Karsson I.C.M, Gallagher B., Hunter H., Petrie H. and O'Neill A-M., (2004) Developing a navigation aid for the frail and visually impaired, *Universal Access in the Information Society*, Heidelberg: Oct 2004. Vol. 3, Iss. 3-4; pp. 194-201
7. Engelbrektsson P., and Söderman M., (2004), The use of methods and product representations in product development - a survey of Swedish industry, *Journal of Engineering Design*, vol. 15, No. 2, April 2004, pp. 141-154
8. Engelbrektsson, Pontus; Karlsson, MariAnne; Gallagher, B; Hunter, H; Petrie, H; O'Neill, A-M (2003): [Developing a Navigation Aid for the Frail and Visually Impaired](#). *Universal Access to the Information Society*, 3 (2) pp. 194-201.
9. Engelbrektsson P., (2002) Effects of product experience and product representations on focus group interviews, *Journal of Engineering Design*. vol. 13, No. 3, pp. 215-221
10. Engelbrektsson P., Yesil Ö., and Karlsson I.C.M., (2000) Eliciting customer requirements in focus group interviews: Can efficiency be increased?, In *Proceedings for the EIASM 7th International Product Development Management Conference*, Leuven, May 29-30, 2000, pp 129-141

Conference papers (peer reviewed, short)

11. Engelbrektsson P., and Nätterlund K, (2007), Safety in Focus, i 39th annual conference of the Nordic Ergonomics Society, NES2007
12. Engelbrektsson, P. & Karlsson I.C.M., (1998), Designing access to IT-services: A case study on the development of an interface for the visually impaired user. *Improving the quality of life for the European citizen*, Placienda Porrero I., and Ballabio E. (eds), IOS press, Amsterdam. PP 2-5.
13. Karlsson, MariAnne; Engelbrektsson, Pontus; Rexfelt, Oskar; Rislund, Carina (2004) The inherent conflicts in user-centred product development, Working Life Ethics. Proceedings from Nordic Ergonomics Society 36th Annual Conference 2004 / edited by Kirsten Bendix Olsen, pp. 213-216.

Reports (In English)

14. Sekara, Vaso; Engelbrektsson, Pontus; Karlsson, MariAnne: [A field evaluation of real-time information at tram and bus stops. Part 1. Intermediate report No 3 to the Quartet Plus project.](#) Göteborg : Chalmers University of Technology.
15. Karlsson M A, Engelbrektsson P, Hunter H, O-Niell A-M, Petrie H & Zoldan D. (1997): PAM-AID: Personal Adaptive Mobility Aid for the Frail and Elderly Visually Impaired. User Requirements Study. Department of Consumer Technology, Chalmers University of Technology, Göteborg, in co-operation with the SDRU, University of Hertfordshire, and National Council for the Blind in Ireland, Dublin.
16. Karlsson, I.C.M., Rämä, P., Alonso, M., Engelbrektsson, P., Franzén, S., Henar Vega, M., Kulmala, R., May, A., Morris, A., Mascolo, Juliene E., Schröder, U., Welsh, R., D. (2009) *TeleFOT D2.2.1 Testing and Evaluation Strategy*

17. Solar, A, Gaitanidou, L. Pagle, K, Engelbrektsson, P.,(2011) *TeleFOT D3.3.2 Test communities final description*
18. Karlsson, M., Alonso, M., Engelbrektsson, P., Hakonen, M., Innamaa, S., May, A., Ross, T., Vega, M. H.(2011) *TeleFOT D4.7.2. IMPLICATIONS OF TAKE-UP*
19. Gaintanidou, E., Pagle, K., Morris, A., May, A., Karlsson, M., Engelbrektsson P., (2010), *TeleFOT D3.4.1 Field Operational Test Plans*

Reports (In Swedish)

16. Brembeck, Helene; Karlsson, MariAnne; Ossiansson, Eva; Shanahan, Helena; Jonsson, Lena; Bergström, Kerstin; Engelbrektsson, Pontus (2007) *Fika, fiske och föreningsliv*, Rapport, Centrum för Konsumtionsforskning, Göteborg 2007
17. Brembeck, Helene; Karlsson, MariAnne; Ossiansson, Eva; Shanahan, Helena; Jonsson, Lena; Bergström, Kerstin; Engelbrektsson, Pontus (2006) *Maten och det nya landet - En forskningsrapport från Centrum för Konsumtionsvetenskap, Vårdalinstitutet, Institutet för Vård- och omsorgsvetenskap*
18. Engelbrektsson, Pontus, Karlsson, MariAnne (2008), *Empirisk utvärdering av användarvänligheten hos UBs webbplats*. Göteborg : Chalmers University of Technology. (Research series from Chalmers University of Technology, Department of Product and Production Development: report;
19. Karlsson I.C.M., and Engelbrektsson P., (1998) "*Den nya spårvagnen skall vara blå!*" - *En kvalitativ studie av olika resenärs-kategoriernas synpunkter och krav* Rapport, Inst. för Konsumentteknik, Chalmers, Göteborg
20. Engelbrektsson P., and Karlsson I.C.M. (1999) "*Jag tror att de har hört vad vi sagt!*" - *En utvärdering av förslag till en ny spårvagn*, Rapport, Inst. för Människa - Teknik, Chalmers, Göteborg
21. Engelbrektsson P., Nätterlund K. Appelfeldt R., and Bligård L-O, (2006) *Fallolyckor i kollektivtrafiken -En studie inom KOLLA-projektet* , Rapport, avd. Design Chalmers, Göteborg
22. Engelbrektsson P. and Nätterlund K., (2009) *Fall i vagn del 2 – utvärdering av ett antal designkoncept*, Rapport, avd Design & Human Factors, Chalmers, Göteborg
23. Karlsson, M A., Engelbrektsson, P., Larsson, L., Pareto, L. Snis, U., Berntsson, B. & Svensson, L. (2008): *Fälttest Pilot. Slutrapport*. Chalmers tekniska högskola och Högskolan Väst. (Field Tests of New Medical Technology. A pilot project).
24. Karlsson M A & Engelbrektsson P (1998): *En utvärdering av principer för utformning av energiräkningar*. Rapport 1998:4, Institutionen för konsumentteknik, Chalmers tekniska högskola, Göteborg. (An evaluation of principles for the design of the energy invoice).

Other Publications

25. Karlsson M A & Engelbrektsson P. (1998): *Laserkäppen - En utvärdering i lab och fält*. Rapport 1998:10, Institutionen för Konsumentteknik, Chalmers tekniska högskola, Göteborg. (The laser navigation stick. An evaluation in laboratory and in field conditions).