

Curriculum Vitae

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Personal details

Born June, 8th, 1963, Olafsfjörður, Iceland. Icelandic Citizenship. Languages: Icelandic (native), Danish (fluent), English (fluent), Swedish (fluent). Married and I have 3 kids.

Research Interests

Evaluation of user interfaces, especially evaluation methods where users co-operate in the evaluation. User Interface design and the process of making the software easy to use for the users. My special interest now is the interplay between usability evaluation and software development.

Academic Qualifications

Licentiate of Philosophy in Computer Science with specialization in Human-Computer Interaction, Uppsala University, Sweden, 2009.

The dissertation was 2nd of October 2009. The title of the thesis is: "Listen to Your Users – The Effect of Usability Evaluation on Software Development Practice".

Master of Computer Science (Cand. Scient.), University of Copenhagen, Denmark, 1996.

Main emphasis was on Human-Computer Interaction. The master thesis title is: "Comparative study of methods for evaluating user interfaces – a research plan".

BS-degree in Computer Science from University of Iceland, Reykjavik, Iceland, 1989.

Support area was numerical analysis and applied mathematics.

Academic Appointments

School of Computer Science, Reykjavik University

- Assistant professor from 2002 to present
- Lecturer 2000 and 2001.

School of Computer Science, University of Iceland

- Lecturer 1999 - 2000

Other professional experience

Project manager and usability expert at EJS hf., 1996 – 2001.

Project manager in software projects at a software company named EJS hf. in Iceland. User analysis, design of user interfaces and usability evaluation of software systems.

Usability expert at The State Social Security Institute, 1995 – 1996.

User analysis, setting design standards and usability evaluation of software systems.

Programmer and data analyst at Data Analysis 1987 – 1992

Programming small software systems. Data analysis in projects for the Cancer Society and insurance companies.

Teaching

Courses Taught

- The course *Human-Computer Interaction*, autumn 2000 to present. The course is taught on the second semester in the BS-program of Computer Science in all the three programs, School Based Learning, Distance Learning and University Study While Working.
- The course *User Centered Software Development*, autumn 2002 to present. This elective course on third year BS-program of Computer Science.
- Taught some lectures in the course: *Human Computer Interaction Programming* at the University of Iceland, 1999 – 2000.

Organizing activities

- Organizing the course: *Final projects*, January 2005 to June 2009. The students in Computer Science do projects in co-operation with Icelandic software companies out in the field. I have a project manager's role for this course.
- Organizing the course: *Final projects with research emphasis*, January 2005 to December 2008. The students in Computer Science do project in co-operation with a researcher at Reykjavik University. I have a project manager's role for this course.
- Organizing the course: *Indipendant studies*, January 2005 to June 2009. The student in Computer Science can choose do indipendant studies in co-operation with a researcher at Reykjavik University. I have a project manager's role for this course.

Publications and presentations

Book chapters

- Lárusdóttir, M. K., 2009, "A Case Study - Hindrances and Success Factors in Student Projects" in IFIP International Federation for Information Processing, Volume 289, 2009; Creativity and HCI (Boston: Springer) pp. 189 – 202. From Experience to Design in Education; Paula Kotzé, William Wong, Joaquim Jorge, Alan Dix, Paula Alexandra Silva.

Journal papers

- Hvannberg, E., Lai-Chong Law, E., Larusdottir, M. K.: Heuristic evaluation: Comparing ways of finding and reporting usability problems, *Interacting with Computers*, available online at <http://dx.doi.org/10.1016/j.intcom.2006.10.001>.

Refereed conference proceedings

- Lárusdóttir, M. K. and Ármannsdóttir, S. E. "A Case Study of Software Replacement", Proceedings of the International Conference on Software Development, University of Iceland, Reykjavik, May 27 – June 1, 2005.
- Hvannberg, E. Þ. and Larusdottir, M. K. "Usability Testing of Interactive Multimedia Services", Proceedings of the 1st Nordic conference of Computer-Human Interaction, Stockholm, October 23 – 25, 2000.
- Frøkjær, E. and Larusdóttir, M. K., "Prediction of Usability: Comparing Method Combinations", Proceedings of "Managing Information Technology Resources in Organizations in the Next Millennium", Idea group publishing, Hershey, May 16 – 19, 1999.

Short papers, workshop papers and posters

- Larusdottir, M. K., Haraldsdottir, O. and Mikkelsen, B.: "User Involvement in Icelandic Software Industry. Proceedings for the 2nd international workshop on the interplay between usability evaluation and software development - I-Used 2009, at the Interact conference, Sweden, 2009.
- Isleifsdottir, J and Larusdottir, M. K: "Measuring the User Experience of a Task Oriented Software". Proceedings for the COST-294 open workshop named:

Meaningful Measures: Valid Useful User Measurement, Reykjavik, June, 18th, 2008.

- Thorgeirsson, T. and Larusdottir, M. K.: “Case study: Are CUP attributes useful to developers?”. Proceedings for the COST-294 open Workshop, Downstream Utility: The good, the bad and the utterly useless usability feedback, Toulouse, November, 6th, 2007.
- Larusdottir, M. K. short paper and poster named “Success factors in practical student projects”. Proceedings of the conference: HCI Educators 2007: Creativity³: Experiencing to educate and design, Aveiro, Portugal, March, 29 – 30, 2007.
- Larusdottir, M. K. “Using the Think-Aloud method – A Case Study”, in proceedings for the COST294-MAUSE International workshop "Review, Report and Refine Usability Evaluation Methods (R3-UEM)", Athens, 5th of March, 2007.
- Larusdottir, M. K.: “Food and groceries delivery service”, in proceedings for the workshop HCI Educators' Yellow Book Workshop at the HCI 2006 conference: The 20th BCS group conference in co-operation with ACM, London, 11th of September, 2006.
- Larusdottir, M. K. “Reducing the gap between HCI research and software development teams in Iceland”, in proceedings for the workshop named: Improving the Relationship between Research and Practice in Interaction Design at Nordchi, 15 of October, 2006.
- Lárúsdóttir, M. K. "Using Rapid Contextual Design at Reykjavik University", accepted paper for the workshop named "HCIEd.2006-1 inventivity: Teaching theory, design and innovation in HCI" held by British Computer Society HCI Group (BHCIG), the International Federation of Information Processing (IFIP) WG13.1 Education, and the Irish Computer Society" in Limrick in Ireland, 23rd – 24th March, 2006.
- Lárúsdóttir, M. K. *The Usability of a User Centered Design approach*, accepted as a paper for a workshop named “Improving the Interplay between Usability Evaluation and User Interface Design” at Nordichi, Tampere, 23rd – 27th of October, 2004.
- Lárúsdóttir, M. K. *Student-centered HCI teaching*, In conference supplement to the Proceedings of the second Nordic Conference on Human-Computer Interaction, Aarhus, 19 – 23 of October, 2002.

Other publications

- Lárúsdóttir, M. K. *Listen to Your Users – The Effect of Usability Evaluation on Software Development Practice*, Licentiate thesis, Uppsala University, October, 2009.
- Lárúsdóttir, M. K and Hvannberg, E. Þ. *Supporting One Task with Many Devices*, Proceedings of the first International Conference on Usage-Centered, Task-Centered, and performance-Centered design, Portsmouth, 25 – 28 August, 2002.
- Lárúsdóttir, M. K. *Teaching HCI at Reykjavik University*, Proceedings of the first International Conference on Usage-Centered, Task-Centered, and performance-Centered design, Portsmouth, 25 – 28 August, 2002.

Workshop editor and organization

- Law, E. L-C, Bevan, N., Christou, G. Springett, M.,Larusdottir, M. K., editors for the workshop proceedings: “Meaningful Measures: Valdi Useful User Experience Measurement (VUUM), Reykjavik, June, 2008.
- Law, E. L-C, Larusdottir, M. K., Nørgaard, M., editors and organizers for the workshop proceedings: “Downstream Utility: The Good, the Bad, and the Utterly Useless Usability Evaluation Feedback” , Toulouse, November, 2007
- *Student-centered HCI teaching*, organized a workshop at the Nordichi 2002 conference, Aarhus, Denmark, October, 2002.

Presentations

- *Do you like to observe people?* Presentation for the Hugpró group of tester in the software industry in Iceland held together with Ebba Þóra Hvannberg from University of Iceland, March, 2009
- *Human-Computer Interaction*, Presentation for the staff in Star-Oddi, Reykjavik, May, 2004
- *User testing towards new times*, Presentation on the symposium on Interactive Future Spaces, Reykjavik, April, 2004
- *User Interface Design and evaluation on Web sites*, presentation for collage teachers, October 2002.
- *Usability of web solutions*, presentation for collage teachers, May 2002.
- *Usability of web solutions*, a short course for software developers at the Institute for continuing education at the University of Iceland, in co-operation with Ebba Þóra Hvannberg, 2000.

Grants

- Co-applicant in the three year project: "Humanoid agents in social game environments" which got a grant from Rannís (the Icelandic Centre for Research) in Februar 2008. The project manager is Hannes Högni Vilhjálmsson, Reykjavik University. Duration: 3 years, grant: 13,45 m.kr.
- Co-applicant in the three year project: "Towards the Maturation of IT Usability Evaluation" with Ebba Þóra Hvannberg at the University of Iceland, which was accepted by Rannís in Februar 2005. My share for 2005 is 1,2 million Icelandic kr., for 2006, 1,6 million Icelandic kr., and for 2007 1,2 million Icelandic kr.
- A pre-project grant (600.000 Icelandic kr.) for the project: "Definition of measurements for comparison of software processes" accepted by Rannís in Februar 2004.

Professional memberships

A member of a new COST-network of excellence, called Twintide (IC0904) that the European Science Foundation has accepted under the COST framework. The network of excellence included experts from various European countries. The COST-IC0904 action will start in November 2009 and will be running for four years.

A chair for the IT women society in Iceland since May 2009. The goal of the society is two strengthen the relations of women in the IT sector and to inspire more young women to join the profession. I have been in the board of the society since 2006.

The representative for Iceland in the IFIP Technical Committee 13 on Human-Computer Interaction since April 2008.

A member of a COST-network of excellence from January 2005 to May 2009, called MAUSE (COST 294) that the European Science Foundation funded under the COST framework. The network of excellence included experts from nineteen European countries. The COST-294 action finished in May 2009.

Professional service

Refereeing

- Reviewer for the Journal: Behavior and Information Technology, May and September 2009.
- Reviewer for the Interact conference in Uppsala Sweden, April, 2009.
- Reviewer for COST294-MAUSE Open Workshop in the COST-298 conference Participation in the Broadband Society' in Copenhagen, January, 2009.
- Reviewer for the journal: Interacting with Computers, June, 2008.
- Reviewer for the Nordichi 2008 conference held in Lund, April 2008.
- Reviewer for the conference: HCI Educators 2008: Architecting the future, Rome, Italy, January, 2008.

- Reviewer for the conference: HCI Educators 2007: Creativity³: Experiencing to educate and design, Aveiro, Portugal, 2007
- Reviewer, Nordichi 2006, Oslo, Norway, 2006
- Reviewer for the conference: "HCIEd.2006-1 inventivity: Teaching theory, design and innovation in HCI" in Limrick in Ireland, 2006.
- Reviewer for book chapter proposals, for the COST294-MAUSE book named: *Maturing Usability: Quality in Software, Interaction and Value*, editors: Effie Law, Ebba Hvannberg, Gilbert Cockton, Jean Vanderdonckt, 2006
- Reviewer, Nordichi 2004, Tampere, Finland, 2004.
- Reviewer, CHI'04: Human Factors in Computing Systems, Vienna, Austria, 2003.
- Reviewer; The Second International Conference on Usage-Centered Design, Portsmouth, USA, 2002
- Reviewer, CHI'03: Human Factors in Computing Systems, Ft. Lauderdale, Florida, USA, 2002
- Reviewer, Nordichi 2002, Aarhus, Danmark, 2002.
- Reviewer, Nordichi 2000, Nordichi 2000, Stockholm, 2000.

Membership of Programme Committees

- Will be general Co-chair of Nordichi 2010, Reykjavik, 2010
- Program committee member, INTERACT, Sweden, 2009
- Program committee member, Nordichi 2008, Lund, Sweden, 2008
- International program committee member for the conference: HCI Educators 2007: Creativity³: Experiencing to educate and design, Aveiro, Portugal, 2007.
- Program committee member, Nordichi 2006, Oslo, Norway, 2006.
- Program committee member, International Conference on Software Development, University of Iceland, 2005.
- Program committee member, Nordichi 2004, Tampere, Finland, 2004.
- Program committee member, Nordichi 2002, Aarhus, Danmark, 2002.
- Program committee member, Nordichi 2000, Stockholm, 2000.

Session chair

- Session chair in the session: Evaluation – I, Interact conference 2009, Uppsala, Sweden, 2009
- Session chair in the session: Usability methods – II, Nordichi 2008, Lund, Sweden, 2008
- Session chair in the session: Content management and searching, Nordichi 2004, Tampere, Finland, 2004.