

Curriculum Vitae

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May, 30, 2016

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Short Summary

My main research focus for the last twenty years has been studying evaluation of user interfaces, especially user centred evaluation where users co-operate in the evaluation. Furthermore, I have focused on researching user centred design activities and the process of making the software easy to use for users. For the last 9 year I have been studying the integration of user centred design activities and agile software development processes. I have focused on how practitioners integrate the user perspective in their work, especially studying Scrum and Kanban projects.

I have written a number of published journal and conference papers in the field of my research interests. I have organized conferences in the Human Computer Interaction field for more than 10 years. I organized the NordiCHI conference in the fall 2010 with over 300 participants and the HCSE conference the same year with 50 participants. I have been on numerous program committees for conferences. I am a member of the editorial board for the journal: *Interacting with Computers*. Furthermore, I am the Icelandic representative member of the technical committee 13 for IFIP (International Federation of Information Processing). Additionally, I was an active member of two COST-action networks of excellence called Twintide and MAUSE from 2005 until 2013.

During the last almost 14 years I have been an assistant professor at Reykjavik University teaching numerous courses in the field of Human Computer Interaction (HCI) both on graduate and undergraduate level. Furthermore, I have been supervising BS, Master and PhD students in their research work.

Personal Details

- Born on the 8th of June 1963 in Ólafsfjörður Iceland. Icelandic citizenship.
- Languages: Icelandic (native), English (fluent), Danish (fluent), Swedish (fluent), German (some).

Education

2012: PhD in Human-Computer Interaction at the Royal Institute of Technology, Stockholm, Sweden.

The title of the thesis is: "User Centred Evaluation in Experimental and Practical Settings".

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

The title of the thesis is: "Listen to Your Users – The Effect of Usability Evaluation on Software Development Practice".

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

The main emphasis was on Human-Computer Interaction. The master thesis title is: "Comparative Study of Methods for Evaluating User Interfaces – a Research Plan".

1989: Bachelor in Computer Science from University of Iceland, Reykjavik, Iceland.

Support area was numerical analysis and applied mathematics.

Work Experience

National and University Library of Iceland

- Alternate board member for National and University Library of Iceland, since August 2014.

Applicon SE

- A board member for Applicon SE, February 2015 – April 2016. Applicon SE is a software development company in Sweden owned by Nyherji hf. The company is employing 50 IT professionals.

Nyherji hf.

- A board member for Nyherji hf., February 2011 – February 2016. Nyherji is a service providing company in information technology employing over 500 IT professionals.

School of Computer Science, Reykjavik University

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

School of Computer Science, University of Iceland

- Lecturer in 1999 – 2000.

Project manager and usability expert at the software development company EJS hf.

Project manager in software projects, fall 1996 - December 2001 at the software development company EJS hf. in Reykjavik, Iceland. Additionally, I was responsible for and conducted user analysis, designed user interfaces and conducted usability evaluation of software systems.

Usability expert at The State Social Security Institute, Reykjavik

Worked there from spring 1995 to fall 1996. I conducted user analysis, defined user interface design standards and conducted usability evaluation of software systems.

Programmer and data analyst at Data Analysis hf., Reykjavik

A programmer in small software system projects. Did data analysis on statistics in projects for the Cancer Society and insurance companies in Iceland, in the summer 1987 to fall 1992.

Professional Memberships

An elected treasurer in the board of the NordiCHI organisation

The NordiCHI organisation arranges conferences, courses and seminars, produces publications and spreads information within the field of HCI, most prominently through ensuring the existence of the biannual NordiCHI conference. I was elected as a board member in 2012 and elected as a treasurer for the organisation. As a board member I can influence how the organization will evolve in future years.

The Icelandic representative in the IFIP Technical Committee 13 on HCI

An active member of the IFIP Technical Committee 13 since April 2008. The TC13 committee is among other duties responsible for organizing the INTERACT conference biannually. The Technical committee decides various issues and set the future goals. As the Icelandic representative I can influence the objectives of the committee for the near future.

A chair for the IT women society in Iceland, until 2012

The goal of the society is to strengthen the relations of women in the IT sector and to inspire young women to join the profession. I was in the board of the society from 2006 to 2012 and a chair from May 2009 to October 2012.

Research Projects

Funded Research Projects from Competitive Research Funds

1. Got twice a grant for the equality group at Uppsala University to visit Dr. Åsa Cajander and work on joint research projects with her, give presentations and supervise our PhD student Thomas Lind. – The total amount is: 2.000 euros.
2. Got Short Term Scientific Mission grants 2009 – 2013 total amount 7.800 euros from two COST actions, Twintide (IC0904) and MAUSE (COST 294).
3. Co-applicant in the project: *Developing and Testing an Interactive Decision Aid for Newly Diagnosed Prostate Cancer Patients* that got a grant from the Icelandic Research Fund (Rannis) in 2010. Duration is 3 years; the total grant is 17,4 million ISK (123.000 euros). Project manager: Dr. Heiðís Valdimarsdóttir, Reykjavik University.
4. Participant in a “NordPlus Sprog” 2 year project: *A System Architecture for Intelligent CALL*. The project got 38.500 euros. Project manager: Dr. Hrafn Loftsson, Reykjavik University.
5. Co-applicant in the project: *Humanoid Agents in Social Game Environments* which got a grant from the Icelandic Research Fund (Rannis) in 2008. Duration: 3 years, grant: 13,45 million ISK (96.000 euros). Project manager: Dr Hannes Högni Vilhjálmsson, Reykjavik University.
6. Co-applicant in the project: *Towards the Maturation of IT Usability Evaluation*, which got a 12 million ISK (85.000 euros) grant from the Icelandic Research Fund (Rannis) in 2005. My share was 3,9 million ISK (27.600 euros). Project manager: Dr. Ebba Þóra Hvannberg, University of Iceland.
7. A pre-project grant for the project: *Definition of Measurements for Comparison of Software Processes* that got a 600 thousand ISK (4250 euros) grant from the Icelandic Research Fund (Rannis) in 2004.

Submitted Applications in Competitive Research Funds During 2016

1. Co-applicant in an application for a research environment called: *Users and Agile eHealth* sent to Vetenskapsrådet (the Swedish Research Council). Application date: May, 17, 2016. The total application is 22.175.224 SEK (335 millj. ISK/2.394.000 euros). The application is for a grant for six years, supporting 3 PhD students, 2 post docs and four researchers. The grant would pay 33% of my salary. The goal of the research environment is to conduct various research projects and educating students in for making successful eHealth systems for patients and health care professionals. Project leader, associate professor Åsa Cajander, Uppsala University. Other co-applicants are: Professor Isto Huvila and Dr. Rebecka Janols.
2. Participant in an application for a COST network named: *Human-centric Development framework for Smart Workplaces – HuD-SaW (OC-2016-1-20748)*. The participants are 15. The organiser of the action will be: Prof. Judith Molka-Danielsen, if accepted. The application was submitted, Feb, 2016.
3. Participant in the advisory board for the project: *Development of Empirically Based Concepts and Principles for Agile Development of eHealth Services for Patients* that is being applied for to the Vetenskapsrådet (the Swedish Research Council). The advisory board will meet once a year to serve as a sounding board and vehicle for quality insurance. The project leader is associate professor, Dr. Åsa Cajander at Uppsala University.

Submitted Applications in Competitive Research Funds During 2015

1. Co-applicant in a NordForsk application called: *Meaningful Visualizations of Electronic Health Data*. Application date: February, 4, 2015. The total application is 5.942.000 NOK (90 millj. ISK/638.000 euros), the share for Reykjavik University would be: 990.000 NOK (15 millj. ISK/106.000 euros). Project leader, professor David Lamas at Tallinn University. The project was rejected but got good reviews.
2. Co-applicant in an EU Horizon 2020 application for the call: Reflective societies: cultural heritage and European identities. The project leader is Dr. Effie Law at Leicester University, UK. Application deadline was May, 27, 2015. Other co-applicants are Prof. Dr. Gisela Welz, Johann Wolfgang Goethe University, Germany, prof. David Gentilcore, University of Leicester, UK and Prof. Peter Schollies, Vrije University Belgium, Imaginary, game developing company in Italy and FARO, cultural heritage company in the Netherlands. The name of the proposal is: FoodScape: Gamifying Reflection on European Identity through Dynamic Food Histories. The total budget of the proposal is: 2.698.070 euros. The share for RU will be: 389.250 euros (57,5 millj. ISK). The project was rejected but got good reviews.
3. Principal investigator for a Rannis application called: *Improving Developers and Users Collaboration in Agile Software Development (DUCAD)*. Application date: September, 1, 2015. The total requested amount is 43.9 millj ISK (308.000 euros). Co-applicant is Dr. Ebba Þóra Hvannberg at the University of Iceland. The application fee will be equally distributed between the two Icelandic universities, if accepted. Participants are: Dr. Åsa Cajander, Uppsala University and Dr. Effie Law, University of Leicester. The application got good reviews (A3 category), but was not accepted.
4. Co-applicant in a Rannis application called: *Scalable Multimedia Analytics*. Application date: September, 1, 2015. The total requested amount is 45 millj. ISK (319.000 euros). The principal investigator is Dr. Björn Þór Jónsson, Reykjavik University. Participants are: Marcel Worrying, University of Amsterdam, Dr. Laurent Amsaleg, IRISA research laboratory in Rennes and Sif Jóhannesdóttir, director of Þingeyjarsýsla District Cultural Center. The application got good reviews (A3 category), but was not accepted.

Funded Research Networks

1. *A member of a COST-network of excellence Twintide (IC0904) until 2013*
The European Science Foundation sponsors the network of excellence includes experts from twenty four European countries. The COST-IC0904 action started in November 2009 and did run until November 2013. Through this membership I extended my network even more than in the other COST action and published papers with some of the members.
2. *A member of a COST-network of excellence MAUSE until 2009*
A member of the COST action 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 lasted from January 2005 to May 2009. Through this membership I extended my network of excellence extensively and got opportunities to contribute for example by presenting my work.

Other Research Projects

1. Participant in the *KIA project* at Uppsala University collaborating with Dr. Åsa Cajander, associate professor, Dr. Bengt Sandblad, professor, Thomas Lind, PhD student and Gerolf Nauwerck, PhD student.
2. Participant in the *Agile UCD project* at Reykjavik University, Uppsala University and KTH, collaborating with Dr. Åsa Cajander, associate professor, Dr. Jan Gulliksen, professor, Thomas Lind, PhD student at Uppsala University, Dr. Effie Law at Leicester University, UK and Dr. Gillbert Cockton at Northumbria University, UK. Furthermore, Dr. Amanda Jane Gregory at the University of Central Lancashire, UK and Dr. Dina Salah University of York, UK. A group of 7 proposers will arrange a workshop in this project at NordiCHI 2016.

3. Participant in the *Digital Work Environment and Deployment of IT (DIWED)*. The project manager is Dr. Åsa Cajander, associate professor and the collaborators are Gerolf Nauwerck and Thomas Lind, PhD student at Uppsala University.
4. Project leader of the: *User Centered Evaluation model (RAMES)* project. The work is conducted in collaboration with Dr. Jan Gulliksen, professor at KTH, Stockholm and Dr. Niklas Hallberg, Swedish Defense Research Agency and adjunct at KTH.
5. Participant in the *Users in Agile eHealth Project*. The project manager is Dr. Åsa Cajander, associate professor Uppsala University and the collaborators are professor Isto Huvila, Uppsala University and Dr. Rebecka Janols, Umeå University.

Research Visits

Marta Visiting Other Universities

- Visiting Uppsala University, November 2015. Got a grant from the for the equality group at Uppsala University to visit Dr. Åsa Cajander and work on joint research projects with her, give presentations and supervise our PhD student Thomas Lind.
- Visiting Leicester University, March 2015, to take part in a workshop with Dr. Effie Law and other applicants for a Horizon 2020 application.
- Visiting Uppsala University, November 2014. Got a grant from the for the equality group at Uppsala University to visit Dr. Åsa Cajander and work on joint research projects with her and supervise our PhD student Thomas Lind.
- Visiting Leicester University, July 2014, to work with Dr. Effie Law on starting a Horizon 2020 application.
- Visiting Uppsala University, November 2013, grant from the for the equality group at Uppsala University to visit Dr. Åsa Cajander and work on joint research projects.
- Visiting Uppsala University, May 2013, on a Short Term Scientific Mission (STSM) a grant from the Twintide cost action (IC0904) to visit collaborators and work on joint research projects.
- Visiting Uppsala University, Nov 2011, on a Short Term Scientific Mission (STSM) a grant from the Twintide cost action (IC0904) to visit collaborators and work on joint research projects.
- Visiting the Royal Technical Institute in Stockholm, March 2011, for conducting research in the Agile UCD project. Gave two lectures in the Human Computer Interaction course (DH1620) at KTH.
- Visiting Uppsala University, Nov 2010, on a Short Term Scientific Mission (STSM) a grant from the Twintide cost action (IC0904) to gather interview data for the Agile UCD project. Additionally, I gave a presentation for STIMDI organisation in Sweden.
- Visiting Uppsala University, May 2009, on a Short Term Scientific Mission (STSM) a grant from the MAUSE cost action (COST294) to visit collaborators and work on joint research projects. Gave a talk for the Department of Information Technology on revising the curricula of CS at RU.

Guest Researchers Visiting Marta

- Dr. Åsa Cajander and PhD student Thomas Lind from Uppsala University visited me, June 2013, on a Short Term Scientific Mission (STSM), a grant from the MAUSE cost action (COST294) to work on joint research projects.
- Dr. Jan Gulliksen, visited RU for one week to work on the Agile UCD project and supervise me in the PhD studies.
- Åsa Cajander and Rebecka Janols, both PhD students at that time at Uppsala University visited me, April 2009, on a Short Term Scientific Mission (STSM), a grant from the MAUSE cost action (COST294) to work on joint research projects.

Publications

Journal Papers

1. **Larusdottir, M.**, Gulliksen, J., Cajander, A.: *A License To Kill-Improving UCSD In Agile Development*. Journal of Systems and Software, 2016.
2. Law, E. L. C., & **Larusdottir, M. K.** *Whose Experience Do We Care About? Analysis of the Fitness of Scrum and Kanban to User Experience (UX)*. International Journal of Human-Computer Interaction, Vol. 31, issue 9, 2015, DOI: 10.1080/10447318.2015.1065693.
3. **Larusdottir, M. K.**, Cajander, A, Gulliksen, J: *Informal Feedback Rather Than Performance Measurements – User Centred Evaluation in Scrum Projects*, Behaviour and Information Technology, Vol 33, issue 11, pg. 1118 - 1135, 2014.
4. Hvannberg, E., Lai-Chong Law, E., **Larusdottir, M. K.**: *Heuristic Evaluation: Comparing Ways of Finding and Reporting Usability Problems*, Interacting with Computers, Volume 19, Issue 2, , pp. 225-240, 2007, available online at <http://dx.doi.org/10.1016/j.intcom.2006.10.001>.
5. Tryggvadóttir, L., Tulinius H., **Larusdottir, M.**: *A Decline and a Halt in Mean Age at Menarche in Iceland*, Annals of Human Biology, 21:2, pp.179-186, 1994.

Refereed Books and Book Chapters

1. Cockton, G., **Larusdottir, M.K.**, Gregory, P. and Cajander, A, (Eds) *Integrating User Centred Design in Agile Development*, Springer London, 2016.
2. **Larusdottir, M. K.**, Cajander, A, Erlingsdottir, G., Lind, T., Gulliksen, J.: *Challenges from Integrating Usability Activities in Scrum - Why is Scrum so Fashionable?* in Cockton, G., Larusdottir, M.K., Gregory, P. and Cajander, A, (Eds.) in *Integrating User Centred Design in Agile Development*, Springer London, 2016.
3. Cockton, G., **Larusdottir, M.K.**, Gregory, P. and Cajander, A.: *Integrating User-Centred Design in Agile Development* in Cockton, G., Larusdottir, M.K., Gregory, P. and Cajander, A, (Eds.) in *Integrating User Centred Design in Agile Development*, Springer London, 2016.
4. Gregory, P. **Larusdottir, M.K.**, Cajander, A. , Cockton, G.: *Workshop on the Integration of User-Centred Design and Agile Development: Approach, Findings and Themes* in Cockton, G., Larusdottir, M.K., Gregory, P. and Cajander, A, (Eds.) in *Integrating User Centred Design in Agile Development*, Springer London, 2016.
5. Cajander, A, **Larusdottir, M.K.**, Eriksson, E., Nauwerck, G.: *Contextual Personas as a Method for Understanding Digital Work Environments*, Human Work Interaction Design. Work Analysis nad Interaction Design Methods for Pervasive and Smart Workplaces, vol. 468 of the series IFIP Advances in Information Communication Technology, pp. 141 – 152, 2015.
6. Blandford, A., Gulliksen, J., Hvannberg, E. T., & **Larusdottir, M. K.** (Eds.): *NordiCHI 2010: Extending Boundaries - Proceedings of the 6th Nordic Conference on Human-Computer Interaction: Preface*. In *NordiCHI 2010: Extending Boundaries-Proceedings of the 6th Nordic Conference on Human-Computer Interaction*, 2010.
7. Bernhaupt, R., Forbrig, P., Gulliksen, J., & **Larusdottir, M. K.** (Eds.): *Human-Centred Software Engineering: Third International Conference, HCSE 2010, Reykjavik, Iceland, Proceedings* (Vol. 6409). Springer Science & Business Media, 2010.
8. **Larusdottir, M. K.**: *A Case Study - Hindrances and Success Factors in Student Projects*, in Kotzé, P., Wong, W. , Jorge, J., Dix, A., Silva, P. A. (Eds). *Creativity and HCI: From Experience to Design in Education*, Volume 289 of the IFIP series, Vol. 289, pp. 189 – 202, Springer, Boston, 2009.
9. Law, E. C., **Larusdottir, M. K.**, & Norgaard, M. (Eds): *Proceedings of the Downstream Utility 2007: The Good, the Bad, and the Utterly Useless Usability Evaluation Feedback workshop*, Toulouse, 2007.

Refereed Conference Proceedings

1. Kristinsdottir, S., Larusdottir, M.K., Cajander, A: *Responsibilities and Challenges of Product Owners at Spotify- An Exploratory Case Study*, accepted for the HCSE+HESSD 2016 conference as a long paper, 2016.
2. Billestrup, J. Stage, J., **Larusdottir, M.K.:** *A Case Study of Four IT Companies Developing Usable Public Digital Self-Service Solutions*, conference proceedings, ACHI 2016 conference, Venice, Italy, 2016.
3. **Larusdottir, M.K.**, Law, E., Cajander, A.: *User and Client Satisfaction in Agile Development*, proc. of the workshop called: Workshop on User Experience and User-Centered Development Processes at INTERACT, 2015.
4. Åsa Cajander, A., Nauwerck, G., Lind, T., **Larusdottir, M. K.:** *Challenges for Action Research on HWID in Activity Based Workplaces*, proc. of the workshop called: Human Work Interaction Design (HWID): Design for Challenging Work Environments at INTERACT, 2015.
5. Cajander, A, **Larusdottir, M.K.**, Eriksson, E., Nauwerck, G.: *Providing a Holistic View and Bringing Life into the Conversation - Eliciting IT-based Administrative Work with Contextual Personas*, proc. of the conference on human work interaction design, 2015.
6. **Larusdottir, M.K.**, Daniels, M. and McDermott, R.: *Quality Assurance using International Curricula and Employer Feedback*, accepted to the Australasian Computing Education Conference, Sydney, 2015.
7. Jónsson, B. Þ., Tómasson, G., Sigurpórsson, H., Eiríksdóttir, Á., Amsaleg, L., **Larusdottir, M.K.:** *A Multi-Dimensional Data Model for Personal Photo Browsing*, proc. of the 21st Anniversary International Conference on MultiMedia Modeling, Sydney, Australia, 2015.
8. Law, E., **Larusdottir, M.K.:** *User Experience (UX) Design: Agile or Lean?* proc. of a workshop at the NordiCHI 2014 conference in Helsinki, 2014.
9. McDermott, R., Daniels, M., **Larusdottir, M.K.:** *Subject-Level Quality Assurance In Computing - Experiences From Three National Perspectives*, proceedings of the Frontiers of Education 2014 conference in Madrid, 2014.
10. **Larusdottir, M.K.**, Cajander, A, Simader, M.: *Continuous Improvement in Agile Development Practice - The Case of Value and Non-Value Adding Activities*, proc. of the HCSE 2014 conference in Paderborn, 2014.
11. **Larusdottir, M. K:** *Adapting User Testing for Evaluating a Multiplayer Game*, paper in the proceedings of the ACM CHI 2013 Workshop called: Made for Sharing: HCI Stories of Transfer, Triumph & Tragedy, 2013.
12. Cajander, A., **Larusdottir, M. K.**, Gulliksen, J: *Existing but not Explicit - The User Perspective in Scrum Projects in Practice*, proc. of the INTERACT 2013 conference in Cape Town, South Africa, 2013.
13. Jia, Y., **Larusdottir, M. K.**, Cajander, A: *The Usage of Usability Techniques in Scrum Projects*, proc. of the HCSE 2012 conference in Toulouse, 2012.
14. **Larusdottir, M. K.**, Cajander, A, Gulliksen, J: *The Big Picture of UX is Missing in Scrum Projects*, proc. of the IC0904 TwinTide 2nd Open Workshop: Interplay between User Experience Evaluation and System Development (I-UxSED 2012) held at NordiCHI, 2012.
15. **Larusdottir, M. K.:** *Usability Evaluation in Software Development Practice*, in Proceedings, Part IV, LNCS 6949 for the INTERACT Conference, Lisbon, Portugal, 2011.
16. **Larusdottir, M. K.**, Bjarnadottir, E., Gulliksen, J.: *The Focus on Usability in Testing Practices in Industry*, proc. of the Human Computer Interaction Symposium at the World Computer Congress 2010, Brisbane, Australia, 2010.

17. Claudio, P., Vilhjalmsón, H., **Larusdóttir, M.**: *Avatars in Conversation: The Importance of Simulating Territorial*, in Albeck et al. (Eds.): Proc. of the 10th International Conference on Intelligent Virtual Agents, Philadelphia, USA, PA. LNCS, 6356., Springer-Verlag, Berlin Heidelberg, 2010.
18. **Larusdóttir, M. K.**, Haraldsdóttir, O. and Mikkelsen, B.: *User Involvement in Icelandic Software Industry*. Proc. for the 2nd international workshop on the interplay between usability evaluation and software development - I-Used 2009, at the INTERACT conference, Uppsala Sweden, 2009.
19. Isleifsdóttir, J., **Larusdóttir, M.**: *Measuring the User Experience of a Task Oriented Software*, in proceedings of the International Workshop on Meaningful Measures: Valid Useful User Experience Measurement '08, Reykjavik Iceland, 2008.
20. Thorgeirsson, T. and **Larusdóttir, M. K.**: *Case Study: Are CUP Attributes Useful to Developers?* Proc. of the COST-294 open Workshop, Downstream Utility: The Good, the Bad and the Utterly Useless Usability Feedback, Toulouse France, 2007.
21. **Larusdóttir, M. K.**: *Success Factors in Student Projects*, proc. of the conference: HCI Educators 2007: Creativity³: Experiencing to Educate and Design, Aveiro Portugal, 2007.
22. **Larusdóttir, M. K.**: *Using the Think-Aloud Method – A Case Study*. Proc. of the COST294-MAUSE International workshop: Review, Report and Refine Usability Evaluation Methods (R3-UEM), Athens Greece, 2007.
23. **Larusdóttir, M. K.**: *Food and Groceries Delivery Service*. Proc. of the workshop: HCI Educators' Yellow Book Workshop at the 20th BCS group HCI 2006 conference in co-operation with ACM, London United Kingdom, 2006.
24. **Larusdóttir, M. K.**: *Reducing the Gap between HCI Research and Software Development Teams in Iceland*. Proc. of the workshop: Improving the Relationship between Research and Practice in Interaction Design at NordiCHI, Oslo Norway, 2006.
25. **Larusdóttir, M. K.**: *Using Rapid Contextual Design at Reykjavik University*. Proc. of the workshop: 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, Limerick Ireland, 2006.
26. **Larusdóttir, M. K.** and Ármannsdóttir, S. E.: *A Case Study of Software Replacement*. Proc. of the International Conference on Software Development, Reykjavik Iceland, 2005.
27. **Larusdóttir, M. K.**: *The Usability of a User Centered Design Approach*. Proc. of the workshop: Improving the Interplay between Usability Evaluation and User Interface Design at NordiCHI, Tampere Finland, 2004.
28. **Larusdóttir, M. K.**: *Student-Centered HCI Teaching*. Conference supplements to the proceedings of the NordiCHI conference, Aarhus Denmark, 2002.
29. Hvannberg, E. Þ. and **Larusdóttir, M. K.**: *Usability Testing of Interactive Multimedia Services*. Proc. of the 1st NordiCHI conference, Stockholm Sweden, 2000.
30. Frøkjær, E. and **Larusdóttir, M. K.**: *Prediction of Usability: Comparing Method Combinations*. Proc. of the conference: Managing Information Technology Resources in Organizations in the Next Millennium, Idea group publishing, Hershey USA, 1999.

Theses

1. **Larusdóttir, M.K.**: *User Centred Evaluation in Experimental and Practical Settings*, PhD thesis in Human-Computer Interaction, The Royal Institute of Technology, Sweden, 2012, 80 pages.
2. **Larusdóttir, M. K.**: *Listen to Your Users – The Effect of Usability Evaluation on Software Development Practice*. Licentiate thesis, Uppsala University Sweden, 2009, 40 pages.

Other Publications

1. Jonsson, B.Þ. **Larusdottir, M.K.** Daniels, M., Clear, T., Young, A., McDermott, R.: *Re-design of a database course unit using the ACM Computer Science Curricula 2013*, Reykjavik University, Tech. Rep. RUTR-CS16003, 2016.
2. Ingolfsdottir, A. **Larusdottir, M. K.** Ulfarsson, H. A.: *Comparing the computer science curricula at reykjavik university to the suggestions given in the ACM/IEEE standard*, Reykjavik University, Tech. Rep. RUTR-CS14001, 2014.
3. Ingolfsdottir, A. **Larusdottir, M. K.**, Ulfarsson, H. A.: *Education at the School of Computer Science at Reykjavik University - Feedback from Industry*, Reykjavik University, Tech. Rep. RUTR-CS14002, 2014.
4. **Larusdottir, M.K.** and Jonsson, A.: *The development process for a proposal for a revised BSc core in Computer Science at Reykjavik University*, Technical report at Reykjavik University, RUTR-CS09001, 2009.
5. **Larusdottir, M. K.** and Hvannberg, E. Þ.: *Supporting One Task with Many Devices*. Proceedings of the International Conference on Usage-Centered, Task-Centered, and Performance-Centered Design, Portsmouth, 2002, pp. 307 - 318.
6. **Larusdottir, M. K.:** *Teaching HCI at Reykjavik University*. Proceedings of the International Conference on Usage-Centered, Task-Centered, and Performance-Centered Design, Portsmouth, 2002, pp. 439 – 442.

Submitted Papers in Review

1. Jonsson, B. Th., **Larusdottir, M. K.**, Daniels, M., et al.: *Aligning Quality Assurance at the Course Unit and Educational Program Levels*, submitted to the FIE (Frontiers in Education) conference in May, 2016, an abstract of the paper has been accepted.
2. Lind, T., Cajander, A, Sandblad, B., Daniels, M., McDermott, R., **Larusdottir, M.K.:** *Students Envisioning the Future*, submitted to the FIE (Frontiers in Education) conference in May, 2016, an abstract of the paper has been accepted.

Work in Progress

1. **Larusdottir, M. K.**, Gulliksen, J, Hallberg, N.: *The RAMES Framework for Planning and Documenting User-Centred Evaluation*. To be submitted to the journal: Behaviour on Information Technology, June, 2016.
2. Lind, T., **Larusdottir, M.K.**, Cajander, A., Sandblad, B.: *Visions of the Future Digital Work Environment*, to be submitted to the journal: Behaviour on Information Technology, June, 2016.
3. Nauwerck, G.: , Cajander, A, **Larusdottir, M.K.:** *On Heroism, Tension, Distance and Synchronisation: Technological Frames in a Public Authority* to be submitted to the Special Issue of the journal Human Technology: Designing Interactive Systems for Work Engagement, June 2016.
4. Billestrup, J. Stage, J., **Larusdottir, M.K.:** *A Case Study of Four IT Companies Developing Usable Public Digital Self-Service Solutions*, invited to write a journal version of this paper, to the journal International Journal On Advances in Software, to be submitted in September 2016.

Recent Invited Talks and Panels

- An invited talk at the Department of Information and Technology at Uppsala University with the title: *Whose Experience Do We Care About? Analysis of the Fitness of Scrum and Kanban to User Experience*, November 2015
- An invited talk at the IT conference UT messan 2015 called: *Waste and value in the software industry in Iceland*, Februar 2015.
- Invited to give a presentation at the software development company Sprettur in Reykjavik with the title: *How is it possible to extend the customer involvement in Scrum projects?* March 2014
- An invited talk at the IT conference UT messan 2014 called: *Research on customers' participation in Scrum projects*, February 2014.
- Invited to give a presentation at the software development company Evry in Uppsala, with the title: *Effective User Centred Design Activities in Scrum Projects*, November 2012.
- Invited speaker in the panel: *Perspectives on UCD and Software Development*, at the HCSE conference in Toulouse, October, 2012.
- Invited speaker at the Twintide (IC0904) COST action meeting in Copenhagen. The title of the talk was: *User Centred Evaluation in ,the Wild'*, October 2012.
- Invited speaker for the STIMDI (Sveriges tvärvetenskapliga intresseförening för människa-datorinteraktion) organisation in Sweden. The title was: *User Centred Design in Scrum projects*, November 2010.
- Speaker at the ICE-ROSE event at Reykjavik University. The title of the presentation was: *Emphasising usability in software testing in Iceland*, May 2010.

Services

Editorial boards

- A member of the Computer Science special editorial board for the journal: *Interacting with computers*.

Editor

- Co-editor of a book within the HCI series book by Springer (<http://www.springer.com/series/6033>) with the title: *Integrating User Centred Design in Agile Development* to be published in spring 2016.
- Co-editor for the proceedings for the NordiCHI 2010 conference held in Reykjavik, Iceland
- Co-editor for the proceedings for the HCSE 2010 conference held in Reykjavik, Iceland
- Co-editor for the proceedings for the workshop proceedings: "Meaningful Measures: Valid Useful User Experience Measurement (VUUM)", Reykjavik, June, 2008.
- Co-editor for the proceedings for the workshop proceedings: "*Downstream Utility: The Good, the Bad, and the Utterly Useless Usability Evaluation Feedback*", Toulouse, November, 2007

Evaluation boards

- Appointed as a member of the evaluation board (fagráð) for the Infrastructure Fund for Rannis 2015 to 2017 (The Icelandic Centre for Research).
- A member of the evaluation committee for the IFIP TC13 pioneer award for 2014.

Coordination Work

- Will be organising a workshop called: Stakeholder Involvement in Agile Development with Dr. Asa Cajander (Uppsala University, Sweden), Dr. Gilbert Cockton (Nothumbria University, UK), Dr. Amanda Jane Gregory (University of Central Lancashire, UK), Dr. Dina Shalah (Sadat Academi, Egypt), Kati Kuusinen (University of Central Lancashire, UK) and Gerolf Nauwerck (Uppsala University, Sweden) at NordiCHI 2016.
- Organized the workshop called: The Landscape of the UX Requirements Practices in co-operation with Dr. Gregorio Convertino, (Informatica Corporation, USA) Dr. Nancy Frishberg (Financial Engines, Inc, USA), Dr. Jettie Hoonhout (Philips Research, NL), Dr. Rosa Lanzilotti (University of Bari, IT) and Dr. Effie Lai-Chong Law (University of Leicester, UK), at INTERACT 2015.
- Organized the workshop called: *On the Integration of User Centred Design and Agile Development* in co-operation with Dr. Asa Cajander (Uppsala University, Sweden), Dr. Gilbert Cockton (Nothumbria University, UK), Dr. Jan Gulliksen (Royal Technical Institute, Sweden), Dr. Amanda Jane Gregory (University of Central Lancashire, UK) and Dr. Dina Shalah (University of York, UK), at NordiCHI 2014. A edited a book on the same theme for the HCI series at Springer, where Marta will be the second editor.
- Associate chair for the NordiCHI conference in 2012, 2014 and 2016.
- Associate chair for the INTERACT conference 2011, Lisbon, Portugal, 2011.
- Organised a Cost Action meeting at Reykjavik University for the Twintide (IC0904) action, 2010.
- General chair for the NordiCHI conference in Reykjavik, 2010.
- General chair for the HCSE conference held in Reykjavik, 2010.
- Organized the COST294-MAUSE Open Workshop named: *Meaningful Measures: Valid Useful User Measurement*, , in co-operation with Law, E. L-C, Bevan, N., Christou, G. Springett, M. Reykjavik, 2008
- Organizing the COST294-MAUSE Open Workshop named: *“Downstream Utility: The Good, the Bad, and the Utterly Useless Usability Evaluation Feedback”* in co-operation with Effie Law and Mie Nørgaard, 2007.

Refereeing

- Reviewer for the Journal: Journal of Human-Computer Studies, 2014.
- Reviewer for the Twintide workshop called: “Made for Sharing: HCI Stories of Transfer, Triumph and Tragedy” at the CHI 2013 conference.
- Reviewer for the EICS conferences in 2013.
- Reviewer for the NordiCHI conferences in 2000, 2002, 2004, 2006, 2008.
- Reviewer for the Journal: Behaviour and Information Technology, May and September 2009 and April 2010, January 2013.
- Reviewer for the HCSE conferences in 2010, 2012, 2014 and 2016.
- Reviewer for the INTERACT conferences in 2009, 2011 and 2013.
- Reviewer for COST294-MAUSE workshops in 2007 and 2009.
- Reviewer for the journal: Interacting with Computers, 2008.
- Reviewer for the conference: HCI Educators conferences in 2006, 2007 and 2008.
- 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 for the International Conference on Software Development, University of Iceland, 2005.
- Reviewer for the CHI conference on Human Factors in Computing Systems in 2003, 2004 and 2015.
- Reviewer; The Second International Conference on Usage-Centred Design, Portsmouth, USA, 2002.

Membership of programme committees

- Program committee member for the HCSE conference, 2012 and 2014.
- Program committee member of the IC0904 TwinTide 2nd Open Workshop: Interplay between User Experience Evaluation and System Development (I-UxSED 2012) held at NordiCHI 2012.
- Program committee member for the NordiCHI conferences in 2000, 2002, 2004, 2006, 2008, 2012, 2014 and 2016.
- Program committee member for the INTERACT conference, 2009, 2013.
- International program committee member for the conference: HCI Educators 2007: Creativity³: Experiencing to educate and design, Aveiro, Portugal, 2007.
- Program committee member, International Conference on Software Development, University of Iceland, 2005.

Session chair at conferences

- Session chair: Interfaces for Cognitive Support, INTERACT 2015, Bamberg, Germany
- Session chair: UX Evaluation, NordiCHI 2014, Helsinki, Finland
- Session chair: Usability Evaluation in Context, NordiCHI 2012, Copenhagen, Denmark
- Session chair: Evaluation – I, INTERACT conference 2009, Uppsala, Sweden
- Session chair: Usability methods – II, Nordichi 2008, Lund, Sweden
- Session chair: Content management and searching, Nordichi 2004, Tampere, Finland

Services for Reykjavik University

- Currently the chair for the Liaison Council for School of Computer Science at Reykjavik University
- An alternate member for School of Computer Science in the Research Council for Reykjavik University in the spring 2015
- An alternate member for the Graduate Studies and Research Council of School of Computer Science at Reykjavik University in the spring 2015

Other services

- Moderator of a meetings organized by Ský (The Icelandic Society for Information Processing (ISIP) in 2009, 2011 and 2012.
- Invited as a chair for the evaluation board for public authority web sites for the ministry of Interior (Innanríkisráðuneyti), 2011, 2013 and 2015.

Students

PhD level

- Thomas Lind, Uppsala University. I have been his co-supervisor since 2013.
- Gerolf Nauwerck, Uppsala University. I am his co-supervisor since March 2016.

Master level

- Daníel Brandur Sigurgeirsson, co-supervisor together with Björn Þór Jónsson, Reykjavik University, planned defence in October, 2016.
- Björgólfur G. Guðbjörnsson, Reykjavik University, May 2016.
- Jón Smári Einarsson, Reykjavik University, May, 2015.
- Sigurður T. Valgeirsson, Reykjavik University, May, 2015.
- Claudio Tesei, Camerio University and Reykjavik University, December 2014.
- Davide Angelici, Camerio University and Reykjavik University, December 2014.
- Heimir Þór Hermannsson, Reykjavik University, May, 2014.
- Sigurhanna Kristinsdóttir, Reykjavik University, May, 2014.
- Fatemeh Moradi, Uppsala University, August, 2013.
- Bastiaan Boel, Uppsala University, September 2013.
- Michael Simader, Reykjavik University, November 2013.
- Jia Yuan, Uppsala University, June, 2012.

BS level - Research oriented final projects and UROP projects

- Ásrún Sigurjónsdóttir, Reykjavik University, May 2016.
- Perla Þrastardóttir, Reykjavik University, May 2016.
- Raquelita Rós Aguilar, Reykjavik University, May 2016.
- Herdís Arnalds, Reykjavik University, May 2015.
- Alma Ósk Melsted, Reykjavik University, December 2014.
- Daniel Mulykh, Reykjavik University, December 2014.
- Eiríkur Orri Ólafsson, Reykjavík, December 2014.
- Hlynur Örn Haraldsson, December 2012.
- Kristjana Þórradóttir, December 2012.
- Sigurður Eyjólfsson, December 2012.
- Sonja Petra Stefánsdóttir, December 2012.
- Helena Sif Magnúsdóttir, May 2011.
- Dagný Björk Stefánsdóttir, May 2011.
- Hildur Björns Vernudóttir, May 2010.
- Oddur Kristjánsson, May 2010.
- Ólöf Una Haraldsdóttir, May 2009.
- Brigtt Mikkaelsen, May 2009.
- Emma Rún Bjarnadóttir, May 2009.
- Hlynur Sigurbórsson, co-supervisor together with Hrafn Loftsson, May 2009.

- Pétur Sigurðsson, co-supervisor together with Hrafn Loftsson, May 2009.
- Guðrún Hulda Jónsdóttir, May 2005.
- Jónheiður Íslefsdóttir, May 2005.
- Dagbjört Ólöf Sigurðardóttir, May 2005.
- Matthildur Vala Pálmadóttir, May 2005.
- Tinna Björk Hjartardóttir, May 2005.
- Unnur Karen Guðmundsdóttir, May 2004.
- Ragnheiður Ýr Grétarsdóttir, August 2002.

Examiner Role in Research-related Theses

- Reykjavik University, School of Computer Science (30 ECTS), Master thesis (Ásgeir Jónasson), member of the evaluation committee, May, 2015
- Reykjavik University, School of Computer Science (30 ECTS), Master thesis (Karin Christiansen), member of the evaluation committee, May, 2014
- Reykjavik University, School of Computer Science (30 ECTS), Master thesis (Áslaug Eiríksdóttir), member of the evaluation committee, May, 2014
- Reykjavik University, School of Computer Science (30 ECTS), Master thesis (Fabrizio Fornari), member of the evaluation committee, October, 2013
- Tallinn University Institute of Informatics, Invited reviewer of a Master thesis by Valeria Gasik, January, 2013
- Reykjavik University, Iceland, Master, Member of the evaluation committee for Hlynur Sigurþórsson, June, 2011

Courses Taught and Organised at RU

- Taught the Master course: T-849-AGVE, Agile processes for project management – Emphasising Scrum, MPM course, spring 2012, 2013, 2014, 2015 and 2016.
- Taught the Master course: T-709-HCIN Research Methods in HCI, fall 2011 and spring 2014.
- Taught the undergraduate course in Computer Science: T-636-SMAT Human Computer Interaction spring 2013, spring 2014 and autumn 2016.
- Taught the undergraduate course in Computer Science: T-216-GHOH Software Analysis and Design. Taught jointly with Daníel Brandur Sigurgeirsson in spring 2010 and spring 2011. Taught jointly with Hannes Pétursson in spring 2016.
- Organized the undergraduate course: T-619-LOKA Final Projects with Research Emphasis, spring 2008 and spring 2009.
- Organized the undergraduate course: UTLOK1012 Final Projects in Information Science, fall 2008.
- Organized the undergraduate course: T-615-SVER Independent studies, spring 2005 to spring 2009.
- Organized the undergraduate final projects in the course: T-404-LOKA Final Projects, spring 2005 to spring 2011 (nine terms).
- Taught the undergraduate course seven times: T-515-NOTH User Centred Software Development, fall 2002 to fall 2012 (eight terms). Also taught in the spring 2015.
- Taught the undergraduate course: T-104-VIDM User Interface Design fall 2000 to spring 2010 (fifteen terms).

Educational Grants

1. Nordplus Higher Education grant: „NPHE-2016/10280- Collective dreaming. Coordinated by David Lamas, School of Digital Technologies, Tallin University. Participating universities: Aalborg University (Denmark) – Jan Stage, Alto University (Finland) – Virpi Roto and Reykjavik University (Iceland) – Marta Larusdottir, May, 2016.
2. Got 5 Erasmus grants to visit Uppsala University to supervise students and give lectures. Typically the grant covers the flight and lodging for the educator during the stay.

Educational Talks

1. Invited to give the talk: Scrum 101 at the for GSE Nordic 2016 Conference, Reykjavik, Iceland.
2. Invited speaker in the course: IT Society at Uppsala University, Nov, 2012.
3. Invited speaker in the course: Human Computer Interaction (DH1620) at KTH. Gave two presentations with the titles: *Two studies as a practitioner* and *Two studies as a researcher*, March 2011.
4. Invited speaker for the Department of Information Technology at Uppsala University. Title of the talk was: *The development process for a revised Curriculum in Computer Science at Reykjavik University*, May 2009.

Educational Visits

Marta Visiting Other Universities

- Visiting Uppsala University, May 2016, on a Erasmus visit to supervise two PhD students and present for Master students.
- Visiting Uppsala University, Nov 2012, on a Erasmus visit to supervise one PhD student and present for BS-students. Additionally, I gave a talk for practitioners at the software development company Evry, Uppsala.
- Visiting Uppsala University, June 2010, on a Erasmus visit to present for Master students.
- Visiting Uppsala University, Oct 2009, on a Erasmus visit to present for BS - students.
- Visiting Uppsala University, June 2009, on a Erasmus visit to present for Master students.

Visits from Guest Educators and PhD Students to RU

- PhD student, Jane Billestrup from Ålborg University, 4 weeks visit, August, 2015 to work on her PhD projects with my supervision.
- Professor Gilbert Cockton, Northumbria University, visited Reykjavik University to teach a course called: Balanced Interaction Design and collaborate with me on writing papers and a workshop proposal for NordiCHI, May 2014.
- PhD student, Thomas Lind from Uppsala University, 2 weeks visit, December, 2013 to work on his PhD projects with my supervision.
- Dr. Mats Daniels and Dr. Åsa Cajander from Uppsala University, visited for 2 weeks, August 2013, to collaborate on the revision of the curricula of CS at RU.
- Professor Yngve Sundblad, The Royal Technical University Sweden, visited Reykjavik University to teach a course in HCI and collaborate with me, May 2012.
- Dr. Janet Read, Lancashire University, UK, visited RU for a week, March 2012, and gave a presentation in the course: Human Centred Software Development.
- Dr. Janet Read, Lancashire University, UK, visited RU for a week, March 2008, and gave a presentation in the course: Human Centred Software Development.

- Dr. Jan Gulliksen, Dr. Bengt Göransson, Dr. Lars Östereicher, visited Reykjavik University, Dec. 2003 to teach a course Human Centred Software Development.