

Elizabeth Bjarnason  
Software Engineering Research Group  
ELLIIT: the Linköping-Lund initiative on IT and mobile communication  
LTH Profile Area: AI and Digitalization  
LU Profile Area: Natural and Artificial Cognition



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## Research

Dr. Elizabeth Bjarnason is an associate professor (docent) of software engineering at Lund University, Sweden, and belongs to its Software Engineering Research Group (SERG). Her research interests include empirical research on software development and management methods, in particular for requirements engineering and digital work environments with a focus on human aspects, communication and collaboration, and the use of AI techniques in professional work. She also has 15 years experience from the software industry, in roles such as requirements engineer and project manager.

Elizabeth teaches two courses:

Business aspects of software development including legal, ethical, and project management (ETSF25 Business of Software)

Requirements Engineering (ETSN15, was: ETS170)

She also supervises M.Sc. projects within software engineering, in particular with connections to software processes and collaboration and the use of AI in these contexts, including requirements communication, agile development, digital work environments and softer aspects of software development. Contact her to discuss potential M.Sc. projects within these topics.

## Qualifications

Excellent Teaching Practitioner, Lund University: LTH  
Award Date: 2018 Jun 19

## Employment

### Senior lecturer

Software Engineering Research Group  
Lund University  
Lund, Sweden  
2020 Dec 16 → present

### Senior lecturer

ELLIIT: the Linköping-Lund initiative on IT and mobile communication  
Lund University  
Lund, Sweden  
2013 Jan 1 → present

### Profile area member

LTH Profile Area: AI and Digitalization  
Lund University  
Sweden  
2022 Jul 7 → present

**Profile area member**

LU Profile Area: Natural and Artificial Cognition  
Lund University  
Sweden  
2023 Jan 1 → present

**Guest researcher**

Open University  
MK7 6AA Milton Keynes, United Kingdom  
2013 Mar 1 → 2013 Sept 1

**Software Process Manager**

Sony Mobile Communications AB  
Lund, Sweden  
2007 Jan 1 → 2012 Jan 1

**Project manager**

Sony Ericsson Mobile Communications AB  
Sweden  
2001 Jan 1 → 2007 Jan 1

**Development Engineer**

Ericsson Mobile Communications AB  
Sweden  
1998 Jan 1 → 2001 Jan 1

## Prizes and Distinctions

**Best Paper Award**

Bjarnason, E. (Recipient), Wnuk, K. (Recipient) & Regnell, B. (Recipient), 2010 Sept

**Best Paper Award**

Bjarnason, E. (Recipient), Unterkalmsteiner, M. (Recipient), Engström, E. (Recipient) & Borg, M. (Recipient), 2015 May

**Best Paper Award**

Bjarnason, E. (Recipient), 2021 Oct

**Most Influential Paper award**

Bjarnason, E. (Recipient), Wnuk, K. (Recipient) & Regnell, B. (Recipient), 2021 Sept

## Projects

**Continuous Experimentation and Optimization**

Ros, R. (PI), Runeson, P. (Supervisor) & Bjarnason, E. (Assistant supervisor)  
2016/04/01 → 2022/03/04

**DeSIDE: Designing Sustainable Digital Work - Theme, Pufendorf IAS**

Bjarnason, E. (PI), Persson, J. (PI), Rydenfält, C. (Researcher), Sarker, S. (Researcher), Keller, C. (Researcher), Rasmus-Gröhn, K. (Researcher), Nyström, M. (Researcher), Arvidsson, I. (Researcher) & Tärning, B. (Researcher)

2022/09/01 → 2023/06/14

### **ELLIIT: Efficient Business Prototyping in Software Startups**

Bjarnason, E. (Researcher)

2020/09/01 → 2022/07/30

### **EASE: Embedded Applications Software Engineering**

Åkesson, J. (Researcher), Magnusson, B. (Researcher), Svensson Fors, D. (Researcher), Magnusson, E. (Researcher), Hedin, G. (Researcher), Kuchcinski, K. (Researcher), Andersson, P. (Researcher), Nugues, P. (Researcher), Robertz, S. (Researcher), Ekman, T. (Researcher), Loconsole, A. (Researcher), Orucevic-Alagic, A. (Researcher), Johnsson, B. A. (Researcher), Pfahl, D. (Researcher), Bjarnason, E. (Researcher), Söderberg, E. (Researcher), Sabaliauskaitė, G. (Researcher), Jonsson, H. (Researcher), Janneck, J. (Researcher), Wnuk, K. (Researcher), Borg, M. (Researcher), Skoglund, M. (Researcher), Sulaman, S. M. (Researcher), Minör, S. (Researcher), Sandholm, T. (Researcher), Alce, G. (Researcher), Wallergård, M. (Researcher), Zhang, C. (Researcher), Barney, S. (Researcher), Martinsen, J. K. (Researcher), Grahn, H. (Researcher), Jalali, S. (Researcher), Ardö, A. (Researcher), Engström, E. (Researcher), Bertsson Svensson, R. (Researcher), Regnell, B. (Researcher), Runeson, P. (PI), Wohlin, C. (PI), Höst, M. (Researcher) & Wisbrant, J. (Project communication officer)

2008/09/30 → 2018/12/31

### **Man får vad man frågar efter! Stöd för kravställning av digital arbetsmiljö i kommunal vård och omsorg.**

Persson, J. (Researcher), Bjarnason, E. (Researcher) & Rydenfält, C. (Researcher)

2022/12/01 → 2025/11/30

### **LärDa: (Universitets) Lärares digitala arbetsmiljö**

Aili, C. (Researcher) & Bjarnason, E. (Researcher)

2019/06/01 → 2020/06/20

### **WASP Continuous Experimentation with Limited User Data**

Bjarnason, E. (PI), Fagerholm, F. (PI), Runeson, P. (CoPI) & Kauppinen, M. (CoPI)

2022/10/01 → 2025/01/31

### **Work and Organization in the digital age**

Andersson, M. (PI), Bjarnason, E. (PI), Schaefer, S. (PI), Sikström, S. (Researcher), Rosengren, C. (Researcher), Bergström, J. (Researcher) & Nilsson, C.-H. (Researcher)

2016/09/15 → 2017/05/18

### **Work and Organization in the Digital Age**

Schaefer, S. (PI), Andersson, M. (PI), Bjarnason, E. (PI), Hansson, K. (Researcher), Sikström, S. (Researcher), Rosengren, C. (Researcher), Bergström, J. (Researcher), Nilsson, C.-H. (Researcher), Nilsson, L.-E. (Researcher) & Aili, C. (Researcher)

2016/09/15 → 2017/05/18