

# Curriculum Vitae

*Anna Eckerdal*

Uppsala University, Information Technology, Dept. of Scientific Computing,  
Box 337, SE-751 05 Uppsala. E-mail: Anna.Eckerdal@it.uu.se

**Academic position:** Professor in Computer Science with specialization in Computer Science Education.

## Education

PhD in Computer Science with specialization in Computer Science Education, Uppsala University, March 2009.

M.Sc. in Scientific Subjects Education including Mathematics and Physics, Uppsala University, 1982.

## Work Experience

**Secondary education:** 1982 - 1999 teaching Mathematics, Physics and Computer Science in Sweden and Zimbabwe; Mnene Secondary School.

**Tertiary education:** 1999 – 2019 adjunct, 2010 - 2024 lecture, 2024 -- professor at Uppsala University, teaching undergraduate programming courses, teacher courses, PhD courses, and advanced level tutorials on computing education research.

## Administrative experiences, selected

- Coordinator of the Centre for Discipline-Based Education Research, MINT, at the Faculty of Science and Technology, Uppsala University ([www.mint.uu.se](http://www.mint.uu.se)), 2018 –
- Member of the Steering committee of the ACM conference ITiCSE, the Annual Conference on Innovation and Technology in Computer Science Education, November 2017 - July 2020.
- Leading the programming teacher team at the Department of Information Technology, -- 2017.
- Member of Uppsala University's strategic e-learning group 2014.

## Research groups and Networks

- Member of the UpCERG research group, IT-department, Uppsala University. 21 publications.
- Founding member of “Sweden Group”, since 2005 a research collaboration with seven participants from Sweden (three), UK (one), and US (three). 27 publications.
- Founding member of a research collaboration on MOOCs and Learning Analytics, 2014 - 2017. Members from Sweden (two), Finland (one), USA (one) and Australia (two). 4 publications.

## Research grants, selected

- The Swedish Research Council, “Hands-on in computer programming education: educational effects and brain processes”, grant 2015-01920. 8.010.000 SEK, 3 years. 2016 – 2022.
- The Swedish Research Council, “Theory and practice in lab work – a complex interplay”, grant 2011-5924. 5.5 MSEK, 3 years. Start 2012.
- ACM SIGCSE grant, 5000 USD to Sweden Group 2009: transcriptions, travels and other expenses.

## Supervision

5 PhD students, and several Master and Bachelor Students

**Associate editor,** ACM Transactions on Computing Education (TOCE) -- 2018.

## Appointments as External Expert Evaluator

- 4 PhD thesis.
- Member of the International Expert Panel for the 6-Year Review of the Lero Research Centre, <https://lero.ie/> Ireland, 2021.

- Assessment of research proposal for SNF, Swiss National Science Foundation, Switzerland. September 2020.
- Assessment of research proposal for the NRF, National Research Foundation, South Africa, Nov 2016.

**Member of the Steering committee of the ACM conference ITiCSE**, the Annual Conference on Innovation and Technology in Computer Science Education, November 2017 - July 2020.

## **Rewards**

- **Best Paper Award** "Learning to program hands-on: a controlled study." von Hausswolff, K. & Eckerdal, A. & Thuné, M. In the proceedings of Koli Calling International Conference in Computing Education Research, Koli, Finland, November 2020.
- **Excellent teacher** at the faculty of Science and Technology, Uppsala University

## **Reviewing** for journals, selected

- TOCE, the ACM Transactions on Computing Education
- Computer Science Education, Taylor & Francis,
- Scandinavian Journal of Educational Research
- Studies in Higher Education
- SIGCSE Bulletin

## **Reviewing** for conferences, selected:

- Member of the technical program committee for FIE, Frontiers in Education 2018.
- Member of the Program Committee for ICER (ACM), International Computing Education Research Workshop 2010, 2012, 2013, 2014, 2015, 2017, 2021, 2023, 2024.
- Member of the Program Committee for LaTiCE (IEEE ), Learning and Teaching in Computing and Engineering conference 2013 and 2014.
- Metareviewer for the ICER (ACM), International Computing Education Research Workshop, Tacoma, USA, 2017.