

Per J. Runeson

Curriculum Vitae

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Education

1991 Master of Science in Computer Science and Engineering Lund University
1998 Ph.D. in Comm. Systems/Software Engineering (Prof. Claes Wohlin) Lund University

Employment

2004– Professor in Software Engineering, Lund University, Dept. of Computer Science
2014– Head of Department for Computer Science, Lund University
2008– Director, Industrial Excellence Center for Embedded Applications Software Eng.
2011–2012 Visiting professor, North Carolina State University (Prof. Laurie Williams)
2009–2010 Senior researcher, Sony Ericsson Mobile Communications, part time
1996–2004 Lecturer, Lund University, Dept. of Communication Systems (part time 1996-1998)
1991–1998 Consulting expert in Software Engineering, Q-Labs AB, Lund (part time 1996-1998)

Main research interests

- Verification and validation of software systems, in particular inspections and system testing
- Open innovation, software business, software eco-systems
- Industry–academia collaboration – in theory and practice
- Software’s role in the society – the digital society

Selected professional and scientific activities

- Authored or co-authored 6 books, 45+ journal papers, 8 book chapters, 65+ refereed conference paper and 35+ papers at workshops (ISI h-index 16, Google scholar h-index 34), including pioneering books on empirical research methodology
- Research Director for EASE industrial excellence center 2008– (10 year, 10MSEK/year).
- Leader for the Software Engineering Research Group, 2000– (6 faculty, 4 PhD students), ranked 10th worldwide in in R. Glass study of system and sw eng. institutions, 2003–2007.
- Special Researcher Position (rådsforskare) at the Swedish Research Council, 2005–2010.
- Appointed Excellent Teaching Practice at LU pedagogical academy, 2003.
- Past main advisor of 10 PhD and 40+ MSc students, current main advisor of one PhD student.
- Editorial board member of EMSE (2004–), Hindawi ASE (2008–2010) and STVR (2009–).
- General chair ESEM 2012 and SERPS 2003, Program co-chair ECBS 2002, EuroSPI 2006, IS-SRE07, ICST09, Industry track ICST08, ICST09, Program Board ICSE14, ICSE16.
- Member of Swedsoft Board of directors, 2008–, vice chairman 2014–.

References

1. Runeson, P., M. Höst, A. Rainer, and B. Regnell (2012). *Case Study Research in Software Engineering – Guidelines and Examples*. Wiley.
2. Galinac Grbac, T., P. Runeson, and D. Huljenic (2013). A Second Replicated Quantitative Analysis of Fault Distributions in Complex Software Systems. *IEEE Transactions on Software Engineering* **39**(4), 462–476.
3. Wnuk, K., P. Runeson, M. Lantz, and O. Weijden (2014). Bridges and Barriers to Software Ecosystem Participation - a Case Study. *Information and Software Technology* **56**(11), 1493–1507.
4. Bjarnason, E., K. Smolander, E. Engström, and P. Runeson (2016). A Theory of Distances in Software Development. *Information and Software Technology* **70**(204-219).
5. Munir, H., K. Wnuk, and P. Runeson (2016). Open Innovation in Software Engineering: A Systematic Mapping Study. *Empirical Software Engineering* **21**(2). Invited as journal first presentation at ICSE 2016, 684–723.