Per J. Runeson
Curriculum Vitae

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Education and Qualifications

1998	Ph.D. in Communication Systems/Software Engineering (Prof. Claes Wohlin)	Lund University
1996	Licentiate of Eng. in Communication Systems/Software Engineering	Lund University
1991	Master of Science in Computer Science and Engineering	Lund University

Current positions

2004– **Professor in Software Engineering**, Lund University, Dept. of Computer Science (2004–2007 Dept. of Communication Systems)

Past positions

2014–2019	Head of Department for Computer Science, Lund University
2008–2018	Director for the Industrial Excellence Center for Embedded Applications Software Engineering (EASE)
2011–2012	Visiting professor at North Carolina State University, Dept. Computer Science (Prof. Laurie Williams)
2009–2010	Senior researcher, Sony Ericsson Mobile Communications, part time
2005–2011	Special Researcher (rådsforskare), Swedish Research Council/Lund University
2001–2004	Associate Professor (docent), Lund University, Dept. of Communication Systems
2002–2003	(Nov-Mar) Fulbright Research Scholar, Washington State University, Dept. of Electrical Engineering and Computer Science (Prof. Anneliese Andrews)
1999–2001	Assistant Professor, Lund University, Dept. of Communication Systems
1997–1999	Acting Assistant Professor, Lund University, Dept. of Communication Systems
1996–1997	Assistant Lecturer (Amanuens), Lund University, Dept. of Communication Systems (50% position)
1991–1998	Consulting expert in Software Engineering, Q-Labs AB, Lund (part time 1996-1998)
1990	Course development at Elektronikcentrum, Svängsta, Sweden
1990–1991	Assistant lecturer (Amanuens), Lund University, Dept. of Computer Science during graduate studies (30% position)
1989–1990	Teaching assistant on hourly basis, Lund University, Dept. of Computer Science

Research merits

Publications

I have coauthored 180+ papers, chapters, books, editorials etc. including six books, one of which in two editions and two languages (English and Chinese), 50+ journal papers, eight book chapters, 70+ refereed conference publications and 40+ publications at workshops and similarly.

ISI citation h-index 22, 102 publications, 2 645 citations, average citation per item 25.93.

Scopus h-index 29, 141 publications, 5700+ citations.

Google Scholar h-index 43 (nr 3 in SE in Sweden, nr 5 ESE globally), 17 600+ citations.

Supervised students

Past main advisor of 10 Ph.D. students

2013–2018   Dr. Hussan Munir, Tech. Lic. 2015, Ph.D. 2018, *An Empirically Based Theory for Open Software Engineering Tools*, (now at Axis)

2010–2015   Dr. Markus Borg, Tech. Lic. 2012, Ph.D. 2015, *From Bugs to Decision Support – Leveraging Historical Issue Reports in Software Evolution* (now at RISE SICS)

2010–2013   Lic. Eng. Jesper Pederson-Notander, Tech. Lic. 2013, *Understanding Flexibility in Safety-Critical Software Systems Development* (now at Knightec)

2006–2013   Dr. Emelie Engström, Tech. Lic 2010, Ph.D. 2013, *Supporting Decisions on Regression test Scoping in a Software Product Line Context – from Evidence to Practice* (now at Lund University)

2005–2011   Dr. Kim Weyns, (main advisor 2005-2008) Tech. Lic., 2008, Ph.D. 2011, *IT Dependability Management in Governmental Organisations* (now at SAAB Kockums)

2003–2006   Dr. Mats Skoglund, Stockholm University, Tech. Lic. 2003, Ph.D. 2006, *Curbing Dependencies in Software Evolution of Object-Oriented Systems* (now at Scania)

2001–2006   Dr. Carina Andersson, Tech. Lic. 2003, Ph.D. 2006, *Managing Software Quality through Empirical Analysis of Fault Detection* (now at Trafikverket)

2000–2004   Dr. Daniel Karlström, Tech. Lic. 2002, Ph.D. 2004, *Integrating Management and Engineering Processes in Software Product Development* (now at Goldengekko, co-founder)

1997–2003   Dr. Tomas Berling, Tech. Lic. 2000, Ph.D. 2003, *Improving Product Quality through Effective Validation Methods* (now at SAAB Microwave Systems)

2000–2002   Lic. Eng. Thomas Olsson, Tech. Lic. 2002, *Software Information Management in Requirements and Test Documentation* (now at RISE SICS)

Current main advisor of four Ph.D. students

2020–   Qunying Song, *Software testing of autonomous systems*, WASP PhD student

2019–   Adha Hrusto, *Continuous system testing using autonomous monitors*, WASP Industrial PhD student

2016–   Daniel Helgesson, *Cognitive load drivers in software engineering*

2016–   Rasmus Ros, *Continuous experimentation*, WASP PhD student

Past assistant advisor of 13 Ph.D. students

2014–2019   Dr. Johan Linåker, Tech. Lic. 2017, Ph.D. 2019 *Guiding Development of Contribution and Community Strategies in Open Source Software Requirements Engineering*

2013–2019   Dr. Sardar Muhammad Sulaman, Tech. Lic. 2015, Ph.D. 2019 *Evaluating and improving risk analysis methods for critical systems*

2009–2016   Dr. Alma Orucevic-Alagic, Tech. Lic. 2013, Ph.D. 2016 *Understanding Software Development in Open Source Context: Network Analysis of Source Code Repositories*

2002–2015   Dr. Christin Lindholm, Tech, Lic. 2009, Ph.D. 2015 *Software Risk Management in the Safety-Critical Medical Device Domain – Involving a User Perspective*

2010–2013   Dr. Elizabeth Bjarnason, Ph.D. 2013, *Integrated Requirements Engineering – Understanding and Bridging Gaps within Software Development*

2002–2005   Dr. Enrico Johansson, Tech. Lic. 2002, Ph.D. 2005, *Quality Improvements in Early Development Phases using Software Platforms and with Focus on Performance*

2001–2004   Dr. Lena Karlsson, Tech. Lic. 2003, Ph.D. 2006. *Improving Requirements Selection Quality in Market-Driven Software Development*

2000–2005   Dr. Johan Natt och Dag, Tech. Lic. 2002, Ph.D. 2005, *Managing Natural Language Requirements in Large Scale Software Engineering*

2000–2005   Dr. Josef Nedstam, Tech. Lic. 2002, Ph.D. 2005, *Strategies for Management of Architectural Change and Evolution*

1998–2002   Dr. Thomas Thelin, Tech. Lic. 2000, Ph.D. 2002, *Empirical Evaluation of Usage-Based Reading and Fault Content Estimation for Software Inspections* (now at ABB)

1998–2002   Dr. Håkan Petersson, Tech. Lic. 2000, Ph.D. 2002, *Supporting Software Inspections through Fault Content Estimation and Effectiveness Analysis*

1998–2001   Dr. Magnus C. Ohlsson, Tech. Lic. 1999, Ph.D. 2001, *Controlling Fault-Prone Components for Software Evolution*
1998–2000   Dr. Lars Bratthall, *Empirical Studies of the Impact of Architectural Understanding on Software Evolution*, Oslo University, Norway, 2001.

Host for post-docs and supervisor coach
2019–   Dr. Johan Linåker (Lund University)
2013–2018   Dr. Emelie Engström (Lund University)
2012–2018   Dr. Krzysztof Wnuk (Lund University)
2011–2012   Dr. Mika Mäntylä (Aalto University, Finland)
2008–2009   Dr. Giedre Sabaliauskaite (Osaka University, Japan)
2006–2008   Dr. Carina Andersson (Lund University)

Supervisor for 35+ MSc and BSc student projects
2019   Filip Olsson and Philip Ridderheim, *Automated Cooperative API Regression Testing Using Jenkins*, Axis
2013   Albin Rosberg, *Evaluating Open-Source and Free Software Tools for Test Management*, Systemverification
2010   Lisa Gustafsson, *Software reliability modeling for test stopping decisions – binomial approaches*
2009   Per Heed and Alexander Westrup, *Automated platform testing using input generation and code coverage*, Sony Ericsson
2008   Hanna Färnstrand, *Introducing Structured Testing*, Apptus Technologies
2008   Ronny Roos, *Test and Quality Assurance in an Offshore Outsourcing Environment*, Indpro
2008   Andreas Lundgren, *Abstraction levels of automated test scripts*, Cinnober Financial Technology
2007   Fredrik Persson, *Multi-project Methods for Organizations Implementing Agile Software Development*, Softhouse
2007   Mats Olin and Carl Wykman, *Evaluation of a Test Case and Test Execution Model for Dynamic Generation of Test Cases*, Ericsson
2007   Johannes Andersson, *Evaluation of Automated Design Testing Using Alloy*, Teleca Global Services
2007   Richard Andersson, *Systematisk test och validering av simuleringsprogram för förbränningsprocesser*, LOGE
2006   Petter Bergman, *Analysis of Conformance Test Logs*, Ericsson
2006   Albin Lundmark och Tommy Tisén, *Analysis and adaptation of component-based software engineering for system integration*, SWECO Position AB
2005   Oskar Nyholm and Magnus Alexandersson, *Identification of Duplicate Incident Reports using Natural Language Processing*, Sony Ericsson
2005   Albin Kjellin, *The RosettaNet Standard and Compliant Platforms*, Connecta
2005   Mattias Wiberg, *Simulation-based Defect Content Estimations after Inspections*
2005   Jan Bolmesson, *Web Development Roadmap*
2004   Björn Lindström, *A Software Measurement Case Study using GQM*, HP
2004   Sara Blomquist and Håkan Bengtsson, *Support System for Sample Distribution*, Sony Ericsson
2004   Peter Greberg, *En jämförelseanalys av Extreme Programming och Rational Unified Process på Sigma Exallon AB*
2004   Anette Löfquist och Anna Wickholm, *Improving Software Testing in Small Projects*, Teleca
2004   Måns Holmstedt Jönsson and Fredrik Scheja, *An analysis of the connection between Software Quality and Testing*
2003   Klas Enroth and Tobias Södergren, *Automatic generation of distributed dynamic applications in a thin client environment*, Caleigo
2002   Mikael and Mats Ekenstierna, *Evaluation of User Assistance in GUI Software*, Telelogic
2001   Dan Ekström, *Software Acquisition - a guide to areas of interest for the one-shot acquirer*

2001   Jonas Wisbrant, *Customer-Developer Interface. Exploring Best Practices of Communication with Ad-hoc Customers in Software Projects*

2001   Nima Davoudi-Kia and Alijan Momeni, *Functional testing of GUI-based software without using the GUI*, Telelogic

2000   Jacob Bylund, Niklas Lundin and Pär Waldemarsson, *Relative Business Ratios for Success in Software Development*

2000   Tomas Hall and Thomas Sjöberg, *Does Size Matter? A Study of Usability and Functionality when Dealing with Both Large and Small Interfaces*, Ericsson

2000   Peter Visuri and Ronny Nilsson, *Developing a Bluetooth Test Systems*, Telelogic

2000   Christian Herrero, Marta Sachini and Irene Yera, *Software Interface for a Multi Technology System Phone*, Ericsson

1999   Niklas Borgquist and Markus Landin, *Functional Size as a Basis for Effort Estimates in Real Time Projects*, Ericsson

1999   Andreas Ekberg and Peter Häggård, *Enabling Technologies of Web-centric Applications*, Sigma

1999   Tobias Fjälling and Axel Holtås, *Process Monitoring - A Study of Interfaces Involved in a Process Monitoring System*, Alfa Laval

1999   Sebastian Courel, *Introducing PSP Ideas on the Team Level in Teamwork-Based Organizations*, Q-Labs

1998   Kristina Adelswärd Brück and Patrik Rosenquist, *Automated Testing of Software With Graphical User Interfaces*, Telelogic

1998   Mikael Brooméé *Requirements and Implementation Approaches for an Experience Base*, Q-Labs

Examiner or coach for 20+ MSc and BSc student projects

2019   Mattias Karlsson, *Test Case Prioritization Using AHP and Customer Usage Profiles for Regression Testing* (Markus Borg)

2019   Christoffer Lundgren and Elias Gabrielsson, *A Method for Value-Based Process Modelling in Software Engineering* (Elizabeth Bjarnason)

2018   Patrik Danielsson and Tom Postema, *In-depth study of the potentials of web-based deployment in product development* (Hussan Munir)

2017   John Rossberg, *Testing how a object relational mapping library is mapping data between SQL and Java types* (Emelie Engström)

2017   Iben Lennerstad, *Crowdsourcing Component Selection by Text Mining Stack Overflow Discussions – Experiences from Active Learning and Self-training* (Elizabeth Bjarnason and Markus Borg)

2017   Mahmoud Nasser, *Measuring Semantic Distances between Software Artifacts to Consolidate Issues from the Development and the Field* (Elizabeth Bjarnason and Markus Borg)

2016   Ella Eriksson and Jashar Vahid, *Static analysis on a large codebase* (Sardar Muhammad Sulaman)

2016   Fredrik Folkesson and Johan Nyholm, *Clustering of back-end failures in automated testing* (Emelie Engström)

2015   Soheil Afghani Khorasgani and Mehmet Fatih Cicek, *Vad karaktäriserar komplexa ärenden i mjukvaruprojekt? En fallstudie på underhåll av ett affärssystem* (Markus Borg)

2015   Jonas Svalin and Axel Hildingsson, *Fault Localization Automation using Code Coverage Data and Diff Utilities* (Emelie Engström)

2014   Linus Olofsson and Petter Gulin, *Development of a Decision Support System for Defect Reports* (Markus Borg)

2014   Vanja Tufvesson and Nicklas Erman, *Navigating Information Overload Caused by Automated Testing – A Case Study at Qlik* (Markus Borg)

2014   Jens Johansson, *Beyond textual information in defect duplicate detection: An exploratory study in the Android issue tracker* (Markus Borg)

2011   Lina Brodén, *Requirements Traceability Recovery – A Study of Available Tool* (Markus Borg)

2010   Andreas Ljung, *Regression test case prioritization based on historical test case performance data*, Sony Ericsson (Emelie Engström)

2010   Robert Andersson Haraldsson and Daniel Nilsson, *Managed Exploratory Testing*, Testway (Emelie Engström)

2009   Anders Sunnermark, *Expressing quality requirements in Junit tests*, (Richard Berntsson-Svensson)

2009   Kristofer Broddéne and Ola Stensson, *Test application development using a remote-controlled platform interface*, ST Ericsson (Giedre Sabaliauskaite)

2009   Erik Karlsson and Fredrik Mårtensson, Test processes for a Scrum team – A case study with improvement suggestions, Sony Ericsson (Emelie Engström)

2006   Håkan Larsson, *A Control Layer Optimization for the IMS Client Platform for Real-Time Data Streaming*, Ericsson China (Jens Andersson)

2006   Gina Linder, *Evaluation of Software Development Projects using the Agile Method Scrum*, Teleca (Thomas Thelin)

2006   Frida Nordlund and Stefan Åshäll, *Testing the Product Propagation - System Testing Using the Benefits of Product Lines*, Sony Ericsson (Carina Andersson)

2002   Pernilla Persson, *Qualitative and Quantitative Evaluation of Software Inspections*, (Thomas Thelin)

2002   Christer Svensson and Anders Blom, *SDL based design of distributed real-time Java applications*, Telelogic (Thomas Olsson)

2001   Katarina Kylvåg, *Inspect Inspections – A Method of how to Investigate the use of Software Inspections in Companies*, (Håkan Petersson)

2001   Jonas Gyllenspetz and Steffan Tajti, *Software re-engineering from function-oriented to object-oriented*, (Thomas Olsson)

Academic leadership

Leadership tasks

2001–	Academic leader for the Software Engineering Research Group at Lund University, currently comprising six faculty, and five Ph.D. students.
2017–	Board member for the Lund University cross disciplinary Pufendorf Institute
2013–	Board member for the Lund University Centre for Risk Assessment and Management (LUCRAM)
2018–	Vice cluster leader (w Prof. Jan Bosch, Chalmers) for Software Engineering in WASP
2014–2019	Head of department at Computer Science, Lund University
2013–2016	Board member for the Lund University Centre for Work, Technology and Social Change (WTS)
2012–2014	Leader (with Dr. Stefan Larsson) for LU Pufendorf Institute Advanced Study Group on The Digitized Society and Theme on Trust in the Digital Society (DigiTrust)
2011–2013	Deputy head for research of department at Computer Science, Lund University
2009–2011	Board member for strategic research efforts ELLIIT – Excellence at Lund-Linköping in Information Technology
2008–2018	Research director for the EASE industrial excellence center at Lund University and Blekinge Institute of Technology
2008–2016	Board member of Swedsoft – a national industry–academia collaboration organization (vice chairman 2014–2016)
2006–2008	Member of the research senate at Lund University, faculty of engineering, (chairman 2007–2008)
2006–2008	Member of the Educational Board for M.Sc. programs FIMES at Lund University
2001–2006	Deputy head of department at Communication Systems, Lund University
2002–2005	Member of the Educational Board for BSc programs at Lund University campus in Helsingborg

2001–2005	Member of the research board FIME (Physics, Informatics, Mathematics, Electrical Engineering) Lund University
1998–2001	Education Programme Leader (Utbildningsledare) for the Bachelor's Program in Software Engineering at Lund University campus in Helsingborg
1997–1998	Responsible for developing the Bachelor's Program in Software Engineering at Lund University campus in Helsingborg
1995	Project manager for Swedish contribution of European Public Network Operators contribution in Eurescom Project P227

Funding

Amount is reported for the SERG share of projects, which involve many partners.

Years	Funder	Title	Amount
2020–2021	Vinnova	*ESS Data Lab* with ESS, RISE, GoalArt, Big Science Sweden	540 kSEK
2020–2021	Vinnova	*RoDL – Road Data Lab* with RISE, AI innovation South	678 kSEK
2019–2023	WASP[1]	*Autonomous software regression testing*	4.000 kSEK
2019–2023	WASP	*Continuous system testing using autonomous monitors* with Dr. Magnus C. Ohlsson, SystemVerification	4.000 kSEK
2018–2019	VINNOVA	*Open data collaboration as innovation platform for machine learning* with Thomas Olsson, RISE	500 kSEK
2016–2021	WASP	*Software Engineering for Smart Systems* with Prof. Jan Bosch, Chalmers	4.000 kSEK
2013–2014	The Pufendorf Institute at Lund University	DigiTrust – *Privacy, Identity and Legitimacy in the Digital Society* with Dr. Stefan Larsson	1.500 kSEK
2013–2016	Swedish Research Council	SYNERGIES – *Synthesis of a Software Engineering Framework for Open Innovation through Empirical Research*	8.000 kSEK
2010–2011	ELLIIT	*Feedback-based software project management in lean software testing*	880 kSEK
2009–2014	SSF	*ENGROSS – Enabling Growing Software Systems* with prof. Boris Magnusson	5.000 kSEK
2009–2010	SSF	*Strategic mobility* into industry	842 kSEK
2008–2018	VINNOVA and industry partners	*EASE Industrial Excellence Center* for Embedded Applications Software Engineering	105.000 kSEK (70.000 in cash)
2006-2009	VINNOVA	*UPPREPA, Scale-up of Prioritized Regression Testing in Product Line Architectures*, together with Sony Ericsson	2.916 kSEK
2005–2010	Swedish Research Council	*Special researcher position* in Software Engineering	6.300 kSEK
2007– 2012	VINNOVA	*SWELL research school* with BTH, MdH, Chalmers	1.066 kSEK
2004–2009	Swedish Emergency Management Agency	*FRIVA – Framework for Risk and Vulnerability Analysis* within LUCRAM – Lund University Center for Risk Analysis and Management, leadership handed over to Dr. Martin Höst, 2008	5.064 kSEK

[1]Wallenberg Autonomous Systems and Software project

Years	Funder	Title	Amount
2003–2006	VINNOVA	*SafeProd, Functional Safety of Complex Products*, together with SP. Leadership handed over to Dr. Thomas Thelin, 2004	1.890 kSEK
2000–2002	VINNOVA	*LUCAS, Center for applied software research at Lund University* (http://www.lucas.lth.se), together with Dept. of Computer Science and Dept. of Automatic Control	2.000 kSEK/year
2001–2004	EU-IST	*MArkov TEst LOgic*, IST 2001 32402. Leadership handed over to Dr. Thomas Thelin, 2002	50 kECU/year
1998–2001	NUTEK	*Software Engineering cluster*, coordinating inter project activities,	300 kSEK
1998–2000	NUTEK	*REVEAL – Requirements Engineering and Verification & vALidation*	2.147 kSEK.

Scientific leadership

Chairmanships

2016	General chair for Lund University 350th anniversary scientific conference on the Digital Society
2015	Co-editor of Special Issue on Product Line Testing
2013	Editor Special issue on Regression Testing in Software Quality Journal
2013	Mentoring Program Chair for IEEE International Conference on Software Testing, Verification and Validation, (ICST)
2012	General Chair for IEEE/ACM Empirical Software Engineering International Week
2011	Program Chair for Testing: Academic and Industrial Conference – Practice and Research Techniques (TAIC PART)
2011	General Chair for 1st Regression workshop
2009	Program Chair for IEEE International Conference on Software Testing, Verification and Validation, (ICST)
2008	Industry track co-chair for IEEE International Conference on Software Testing, Verification and Validation, (ICST)
2007	Program vice chair for IEEE International Symposium on Software Reliability Engineering (ISSRE)
2006	Program co-chair for European Software Process Improvement Conference
2003–2004	Chair for Technical Committee of Conference on Software Engineering Research and Practice in Sweden
2003	General Chair for Conference on Software Engineering Research and Practice in Sweden
2002	Program Chair for IEEE Conference on Engineering Computer-Based Systems

Member of editorial boards and steering committees

2014, 2016	Program board member of International Conference on Software Engineering (ICSE)
2013–	Member of Advisory Committee for the Workshop series on Replications in Empirical Software Engineering (RESER)
2011–2014	Steering committee of IEEE/ACM International Symposium on Empirical Software Engineering and Measurement (ESEM)
2011–2014	Steering committee of International Software Engineering Research Network (ISERN)
2009–2012	Steering committee of IEEE International Conference on Software Testing, Verification and Validation, (ICST)
2009–	Editorial board of Software Testing Verification and Reliability (Wiley Interscience)
2008–2010	Advances in Software Engineering (Hindawi open publisher)
2004–	Editorial board of Empirical Software Engineering (Springer verlag)

Member of Program Committees

2018, 2020	Program committee member of International Conference on Software Engineering (ICSE)
2015, 2017	IEEE International Conference on Software Testing, Verification and Validation, (ICST)
2013	New Ideas and Emerging Results (NIER) ICSE workshop
2007–08, 10–14, 16–17	International Conference on Empirical Software Engineering and Measurement (ESEM)
2005–2007	International Workshop on Empirical Software Engineering (WSESE)
2005–2006	International Conference on Quality Software (QSIC)
2004, 07, 12	IEEE International Symposium on Software Reliability Engineering (ISSRE)
2004–2007	European Software Process Improvement Conference (EuroSPI)
2001–2009	Conference on Software Engineering Research and Practice in Sweden (SERPS)
2004–2008 2010–2014	International Conference on Empirical Assessment & Evaluation in Software Engineering (EASE)
2004	IASTED International Conference on Software Engineering
2003	IEEE/ACM International Symposium on Empirical Software Engineering (ISESE)
2002	IEEE Conference of Software Engineering Education and Training (CSEE&T)
2001, 04, 05	IEEE International Symposium on Software Metrics
2001–2005	IEEE Conference on Engineering Computer-Based Systems (ECBS)

Referee for international journals and conferences (selected)

IEEE Transactions on Software Engineering
IEEE Software
IEEE Transactions on Reliability
International Conference on Software Engineering (ICSE)
Journal of Software and Systems
Information and Software Technology
Software Quality Journal

Special invitations

2020-01-10	Science and innovation talk: Beyond open source, Ericsson, Lund
2019-05-28	Keynote speaker at the CESSER-IP workshop – ICSE´19: Is Empirical Enough? On contributions in software engineering research
2019-04-17	Keynote speaker at the EASE conference:Evaluation and Assessment – but what about Design?
2017-11-10	Keynote speaker at the ESEM conference: Industry-Academia Communication in Empirical Software Engineering
2017-02-14	Science and innovation talk: Unpacking digitalaization – from packaged software to digital packages, Tetra Pak, Lund
2016-02-07–11	Bellairs 2016 Workshop on Qualitative Data Analysis in Software Engineering (Quali-DASE)
2015-10-15	Vetandets värld i P1: Förändrar digitaliseringen vårt sätt att tänka? http://sverigesradio.se/vetenskap
2015-03-17	Keynote speaker at the TAIC-PART conference: The 4+1 View Model of Industry–Academia Collaboration Experiences
2015-02-15–19	Bellairs 2015 Workshop on Qualitative Data Analysis in Software Engineering (Quali-DASE)
2014-11-24–25	The 37th CREST Open Workshop: Working Tutorial on Empirical Software Engineering Methods, at UCL (UK's top ranked research university, 2014)
2014-10-27	Rijeka University Scientific Colloquium: Case Study Research in Software Engineering
2014	Dagstuhl workshop on Software Development Analytics (14261)
2010	Dagstuhl workshop on Practical Software Testing : Tool Automation and Human Factors (10111)
2006	EuroSPI tutorial on case study research

International long-stay visitors

2019	Mr. J. David Patón-Romero (University of Bari, Italy)
2016–2018	Prof. Margret-Anne Storey (University of Victoria, Canada) Lise Meitner guest prof
2014	Mr. Rafael Maiani de Mello (Federal University of Rio de Janeiro, Brazil)
2014	Mr. Konstantinos Manikas (University of Copenhagen, Denmark)
2013	Prof. Kari Smolander (Lappenranta University, Finland)
2010	Mr. Jussi Kasurinen (Lappenranta University, Finland)
2010	Dr. Austen Rainer (University of Hartfordshire, UK)
2005–2006	Prof. Anneliese Andrews (Denver University, CO, USA) Lise Meitner guest professor

Opponent at Ph.D. defenses

2020	Dr. Alireza Haghighatkha, University of Oulu, SF
2016	Dr. Erik Rogstad, Simula/University of Oslo (1st opponent), NO
2008	Dr. James Dzidek, Simula/University of Oslo (2nd opponent), NO
2007	Dr. Vigdis By Kampenes, Simula/University of Oslo (2nd opponent), NO
2007	Dr. Ossi Taipale, University of Laapenranta, 2007, SF
2006	Dr. Carl-Fredrik Sörensen, Norwegian University of Science and Technical (2nd opponent), NO
2005	Dr. Zib Mohammad Beiroumi, Denmark Technical University (2nd opponent), DK

Member of Ph.D. committees

2018	Dr. Moritz Beller, Delft University of Technology, NL
2018	Dr. Indira Nurdiani, Blekinge Institute of Technology
2016	Dr. Christopher Jämthagen, Lund University (deputy)
2015	Dr. Kristian Wiklund, Mälardalen University
2013	Dr. Wladimir Schamai, Linköping University

2013	Dr. Kenneth Lind, Chalmers University of Technology
2012	Dr. Werner Heistek, Leiden University, NL
2009	Dr. Teemu Kanstrén, University of Oulo, SF
2009	Dr. Birgitta Lindström, University college of Skövde
2009	Dr. Bart van Rompaey, University of Antwerp, NL
2008	Dr. Gürcan Gülesir, University of Twente, NL
2007	Dr. Lars-Ola Damm, Blekinge Institute of Technology
2007	Dr. Mats Grindahl, University college of Skövde
2006	Dr. Johan F. Hoorn, vrije Universiteit, Amsterdam, NL
2006	Dr. Tony Gorschek, Blekinge Institute of Technology
2004	Dr. Ari P. Hirvonen, University of Jyväskylä, SF
2003	Dr. Lars Taxén, Linköping University
2002	Dr. PerOlof Bengtsson, Blekinge Institute of Technology
2002	Dr. Calle Sjöström, Lund University

Opponent at Licentiate of Technology seminars

2003	Dr. Rickard Land at Mälardalen University
1999	Tech.Lic. Anders Subotic at Linköping University
1998	Dr. Robert Feldt at Chalmers Technical University

Specialist at appointments

2018	Promotion application for professor at Malmö University
2017	Promotion application for associate professor at Skövde University College
2013	Promotion application for associate professor at Chalmers University of Technology
2011	Application for associate/full professor at Karlstad University
2011	Application for assistant professor at Mälardalen University College
2010	Application for associate professor at Umeå University
2010	Application for associate professor at Linköping University
2009	Promotion application for full professor at Umeå University
2009	Application for professor at Chalmers University of Technology
2008	Promotion application for assistant professor at University of Jyväskylä
2007	Promotion application for assistant professor at Blekinge Institute of Technology
2006–2007	Application for assistant professor position at Blekinge Institute of Technology
2005	Application for post doc position funded by the Swedish Emergency Management Agency
2005	Application for assistant professor position at Högskolan Trollhättan/Uddevalla
2005	Promotion application for full professor at Carleton University, Canada
2005	Application for three associate senior lecturers at the IT University of Göteborg
2004	Application for assistant professor position at Blekinge Institute of Technology
2003	Promotion application for assistant professor at Blekinge Institute of Technology

Research funding reviews

2011	PEARL programme evaluation, Luxembourg
2008	NWO Veni Grant Application, the Netherlands
2006, 2012	STINT
2005	European Young Investigator Award Scheme (EURYI)
2005	VINNOVA Network Programming program

Assessment reviews

2008	Växjö University, external evaluation of research profile Mathematical modeling and system cooperation, lead by Prof. Carl Gustaf Andrén

Awards and rankings

1. Most cited of all papers in Empirical Software Engineering journal Runeson and Höst, 2009.
2. Given best short paper award (tied) at ESEM 2014 de Mello, Silva, Runeson, and Travassos, 2014.
3. Most cited paper from 2010 in Information and Software Technology, 2012 Engström, Runeson, and Skoglund, 2010.
4. Elected member of the Royal Physiographical Society of Lund, 2012.
5. Given best paper award at TAIC-PART 2012 Runeson, 2012.
6. Given best paper award, with Emelie Engström at PROFES 2010 Engström and Runeson, 2010.
7. Ranked 4th worldwide in R. Glass investigation of system and software engineering scholars 2003-2007 (5th 2002-2006, 12th 2000-2004, 13th 1999-2003).
8. Senior member of the IEEE 2003.
9. Given the Fulbright Grant for Visiting Lecturers and Research Scholars, 2002/2003, at Washington State University. Grants from The Royal Swedish Academy of Sciences and The Royal Physiographic Society in Lund also achieved for the same purpose.
10. Given the Oscar II award 1998. The award is given to one recently graduated doctor at each faculty each year, i.e. one at the Faculty of Engineering, who by scientific authoring is deserved such an award and gives the best expectations on continued activities at the University.

Pedagogical merits

1. Member of reference group for the Swedish Summer Institute arranged by the Council for higher education, 2004.
2. Awarded Excellent Teaching Practice (ETP) in the pedagogical academy of Lund University, 2003.
3. Taken part in continued pedagogical education:

   ➤ Ph.D. student supervision, 2001.
   ➤ Selected for the Swedish Summer Institute arranged by the Council for higher education, 2001.
   ➤ Docentkurs, 1999–2000.
   ➤ Introduction to Problem-Based Learning, 1999.
   ➤ Gender in education and examination, 1999.
   ➤ Presentationsteknik, 1996.

4. Course responsible for BSc and MSc student courses

   ➤ Software Engineering Process (new course), 2002, 2004, 2005, 2006, 2007 (1st and 2nd year students)
   ➤ Software Engineering – Soft issues 2008, 2009, 2010, 2011, 2013, 2014 (1st year students)
   ➤ Software Development for Large Systems, 2000, 2001, 2002, 2003, 2004 (2nd and 4th year students)
   ➤ Software Quality, 2001 (3rd year students)
   ➤ Software Testing (new course), 2000, 2010, 2011, 2013– (3rd year students)
   ➤ Introduction to the PSP (new course), 1999 (1st year students)
   ➤ Software Engineering – an overview, 1998 (new course), 1999 (1st year students)

5. Teaching assistant in MSc student courses

   ➤ Software Development for Large Systems, 1996, 1997
   ➤ Software Engineering, 1997

6. Course responsible for Ph.D. courses,

➤ Software Metrics, 1998–99
➤ Software Architecture, 1998
➤ Project Course, 1999
➤ Topics in Software Engineering, 2000, 2001
➤ Project Economics, 2001
➤ Software Testing, 2002
➤ Case Study Methodology, 2007, 2010–11, 2014
➤ Product Line Engineering, 2009
➤ Design science, 2020 (with Emeli Engström)

7. Course responsible for industry courses,

➤ LUCAS Test Academy, 2004–2005

Community service

➤ Member of Church Council of Östra Torn's congregation, 2002–2011
➤ Member of Church Council of Lund's East Town congregation, 2013-
➤ Member of the Board of Directors for Norea, 1995–present