

CURRICULUM VITAE

24.1.2012

1. Full name

Kai Evert Ross KOSKIMIES

2. Date and place of birth

31.03.1950 Helsinki, Finland

3. Current position

Professor (Tampere University of Technology), since 1999

4. Education

Ph.D, University of Helsinki, 12.4.1984

5. Previous professional appointments

Assistant 1978-84 (University of Helsinki)

Assistant professor 1984-87 (University of Helsinki)

Docent 1987- (University of Helsinki)

Researcher 1987-88 (Academy of Finland)

Visiting researcher 1988-89 (GMD Karlsruhe, Germany)

Associate professor 1989-95 (University of Tampere)

Visiting researcher 1994-95 (University of Linz, Austria)

Professor 1995-98 (University of Tampere)

Senior project manager 97- 98 (Nokia Research Center)

Professor 1999- (Tampere University of Technology)

6. Research awards, research honours and major stipendiary support for personal research

Emil Aaltonen Foundation, grant 1979 (60.000 FMK)

Deutsche Forschungsgemeinschaft, grant 1988 (14.000 DM)

Academy of Finland grant 1992-93 (1 year senior researcher grant)

Academy of Finland grant 1994-95 (60.000 FMK)

Nokia Foundation Educational Award 2000 (2500€)

Academy of Finland grant 2002-2003 (1 year senior researcher grant)

Council for Physical Sciences of the Netherlands Organization for Scientific Research (NWO) 2003 (visiting researcher grant 7000€)

Nokia Foundation Educational Award 2004 (1500 €)

7. Editorial board memberships

Theory and Practice of Object Systems

Nordic Journal of Computing

8. Other academic and professional activities

Head of Department

Department of Computer Sciences, University of Tampere, 1989-1993

Chairman of program committee

7th International Conference on Compiler Construction, Lisbon 1998.

Member of program committee 1999 -

ETAPS (European Joint Conferences on Theory and Practice of Software), Steering Committee, 1996-1999.

ESEC '99 (European Software Engineering Conference), Toulouse, France, September 1999.

ICSE '00 (International Conference on Software Engineering), Limerick, Ireland, 2000.

ICS '00 (IFIP International Conference on Software: Theory and Practice), Beijing, China, 2000.

ICSE '01 (International Conference on Software Engineering) Case studies track committee, Toronto, Canada, 2001.

GCSE '01 (International Conference on Generative and Component-Based Software Engineering), Erfurt, Germany, 2001.

ECOOP '02 (European Conference on Object-Oriented Programming), Malaga, Spain, 2002.

GPCE '03 (Generative Programming and Component Engineering), Erfurt, Germany, 2003.

ESEC '03 (European Software Engineering Conference), Helsinki, Finland, September 2003.

FIDJI '03-04 (International Workshop on Scientific Engineering of Distributed Java Applications), Luxembourg, November 2003-2004.

ASSE '05 (Argentine Symposium on Software Engineering), Rosario, Argentina, August 2005.

MDEIS '06 (Workshop on Model-Driven Enterprise Information Systems), Paphos, Cyprus, May 2006.

JMLC '06 (Joint Modular Languages Conference), Oxford, England, September 2006.

SET '06 (IFIP Working Conference on Software Engineering Techniques), Warsaw, Poland, October 2006.

Quality in Modeling '06 (Workshop at MoDELS 2006), Genova, Italy, October 2006.

Educators Symposium of MoDELS 2006, Genova, Italy, October 2006.

FASE '07 (Fundamental Approaches to Software Engineering), Braga, Portugal, March 2007.

SVM-WS '07 (Software and Services Variability Management Workshop), Helsinki, Finland, April 2007.

SPLST '07 (10th Symposium on Programming Languages and Software Tools), Budapest, Hungary, June 2007.

NW-MoDE '07 (Nordic Workshop on Model-Driven Software Engineering), Ronneby, Sweden, August 2007.

Quality in Modeling '07 (Workshop at MoDELS 2007), Nashville TN, USA, October 2007.

ICPC '08 (International Conference on Program Comprehension), Amsterdam, The Netherlands, June 2008.

NW-MoDE '08 (Nordic Workshop on Model-Driven Software Engineering), Reykjavik, Iceland, August 2008.

Educators Symposium of MoDELS 2008, Toulouse, France, September 2008.

Quality in Modeling '08 (Workshop at MoDELS 2008), Toulouse, France, September 2008.

SPLST '09 (10th Symposium on Programming Languages and Software Tools), Tampere, Finland, August 2009.

NW-MoDE '09 (Nordic Workshop on Model-Driven Software Engineering), Tampere, Finland, August 2009.

ICSE Education track '10 (International Conference on Software Engineering), CapeTown, South Africa, May 2010.

CSMR '10 (European Conference on Software Maintenance and Reengineering), Madrid, Spain, March 2010.

ECSA '10 (European Conference on Software Architecture), Copenhagen, Denmark, August 2010.

SHARK '11 (Sixth Workshop on Sharing and Reusing Architectural Knowledge), Honolulu, Hawaii, May 2011.

WICSA '11 (9th Working IEEE/IFIP Conference on Software Architecture), Boulder, Colorado, June 2011.

WICSA '11 Tool Demo, Boulder, Colorado, June 2011.

ECSA '11 (European Conference on Software Architecture), Essen, Germany, September 2011.

FoSEC '11 (IEEE International Workshop on the Future of Software Engineering FOR and IN the Cloud), Washington DC, USA, July 2011.

SISS '11 (Semantic Information for Smart Spaces), Munich, Germany, July 2011.

S3E '11 (First International Workshop on Self-managing Solutions for Smart Environments), Oulu, Finland, May 2011.

SPLST '11 (12th Symposium on Programming Languages and Software Tools), Tallinn, Estonia, October 2011.

Head of funded research projects

Programming environments (Academy of Finland), 1987-88 (2 personyears)

Object-oriented languages and techniques (Academy of Finland), 1990-93 (9 personyears)

SCED: Environments for dynamic modelling of software (Finnish Funding Agency for Technology and Innovation (TEKES)), 1993-95 (8 personyears)

Using automated language implementation tools in industry (Finnish Ministry of Education, Academy of Finland, 1994-96 (5 personyears)

FRED: Techniques for constructing and using OO frameworks (Finnish Funding Agency for Technology and Innovation (TEKES)), 1997-1999 (12 personyears)

ATOS: Advanced tools for object-oriented software development (Finnish Funding Agency for Technology and Innovation (TEKES)), 1999-2001 (9 personyears)

FRED/Nokia: Industrial application of framework support tools (Nokia), 2000 (1 personyear)

JavaFrames: Tool support for industrial Java frameworks (Finnish Funding Agency for Technology and Innovation (TEKES)), 2001-2003 (8 personyears)

UML++: Advanced tool support for UML-based software development (Academy of Finland), 2001-2004 (6 personyears)

Archimedes: Techniques supporting product-line architectures (Finnish Funding Agency for Technology and Innovation (TEKES)), 2001-2002 (4 personyears)

ART: Architect's workbench (Nokia), 2002 (2 personyears)

Inari: Integrated Architecting Environment (Finnish Funding Agency for Technology and Innovation (TEKES)), 2004-2006 (12 personyears)

MuSA: Infrastructure for Multi-dimensional Software Architecture (Academy of Finland), 2006-2008 (3 personyears)

Sulake: Software Architectures in Embedded Systems (Finnish Funding Agency for Technology and Innovation (TEKES)), 2008-2009 (7 personyears)

Darwin: Deriving Software Architecture with Intelligent Techniques (Academy of Finland), 2009-2011 (8 personyears)

Sulava: Software Architecture Practices for Mobile Work Machines (Finnish Funding Agency for Technology and Innovation (TEKES)), 2010-2011 (5 personyears)

Nokia Research Center

TDE (Telecom Design Environment) June 1997 – June 1998 (Project manager)

FAMOOS (Framework-based Approach for Mastering Object-Oriented Software Evolution, EU-ESPRIT) 1997 – 1998 (Technical manager)

OTNSDL (OO TeleNokia SDL) Jan 1998 – Dec 1998 (Project manager)

Ph.D supervisor (completed theses)

Tarja Systä, (University of Tampere, 2000)

Maarit Harsu, (University of Tampere, 2000)

Juha Hautamäki (Tampere University of Technology, 2005)

Petri Selonen (Tampere University of Technology, 2005)

Imed Hammouda (Tampere University of Technology, 2005)

Roope Kylmäkoski (Tampere University of Technology, 2006)

Marko Palviainen (Tampere University of Technology, 2007)

André Leal Santos (University of Lisbon, 2008, co-supervisor: Antónia Lopes)

Sari Vesiluoma (Tampere University of Technology, 2009)

Samuel Lahtinen (Tampere University of Technology, 2010)

Antti Välimäki (Tampere University of Technology, 2011)

Ph.D reviewer

Niklas Holsti (University of Helsinki)

Jukka Paakki (University of Helsinki)

Jorma Tarhio (University of Helsinki)

Alessandro Pasetti (University of Constance), 2001

Tamar Richner (University of Bern), 2002

Jilles van Gurp (University of Groningen), 2002

Tommi Karhela (Helsinki University of Technology), 2002

Jukka Viljamaa (University of Helsinki), 2004

Jorge Andrés Diaz Pace (University of Buenos Aires), 2004

Michel Jaring (University of Groningen), 2005

Antti Viljamaa (University of Helsinki), 2005

Timo Asikainen (Helsinki University of Technology), 2008

Anton Jansen (University of Groningen), 2008

Neil Harrison (University of Groningen), 2011

Diego Bernini (University of Milano-Bicocca), 2012

Ahmad Waqas Kamal (University of Groningen), 2012

Päivi Parviainen (University of Oulu), 2012

Ph.D opponent

Jan Bosch (University of Lund)
Ari Jaaksi (Tampere University of Technology)
Seppo Kuikka (Helsinki University of Technology)
Jussi Koskinen (University of Jyväskylä)
Kari Kivistö (University of Oulu), 2000
Mirosław Staron (University of Blekinge), 2005
Rabih Bashroush (Queen's University Belfast), 2005
Mari Matinlassi (University of Oulu), 2006

Professor reviewer

University of Jyväskylä, Finland (1995)
Tampere University of Technology (1996)
University of Lund, Sweden (1997)
Mälardalen University, Sweden (2000)
University of Turku, Finland (2001)
University of Zurich, Switzerland (2002)
University of Kuopio, Finland (2004)
University of Alberta, Canada (2004)
University of Edmonton, Canada (2007)
Tartu University, Estonia (2007)
IT University of Gothenburg (2008)
University of Tampere (2011)

Other expert tasks

Academy of Finland (application reviewer)
Danish Natural Science Research Council (application reviewer), 1999
Estonian Higher Education Accreditation Centre (IT evaluation of Estonian institutes), 2000
University of Blekinge (member of mentoring committee), 2000-2002
Council for Physical Sciences of the Netherlands Organization for Scientific Research (NWO) (application reviewer), 2003
Engineering and Physical Sciences Research Council, Ireland (application reviewer), 2004
University of Jyväskylä (scientific director of the Infwest program 2006-2007)
Finnish Graduate School on Software Systems and Engineering (SoSE) (director 2007-2011)
Science Foundation of Ireland (midway evaluation of research grant), 2008
Austrian Science Fund (application reviewer), 2010
Council for Physical Sciences of the Netherlands Organization for Scientific Research (NWO) (application reviewer), 2010
IT University of Gothenburg (evaluation of software engineering education), 2011