Professional Activities and Societies
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Professional Activities

Editorial board member for *Transactions on Aspect-Oriented Software Development* (published by SpringerVerlag), since November 2009.

Assistant editor for *Software and Systems Modeling (SoSyM)* (published by SpringerVerlag), since 2001.

Research program committee chair for the ACM conference *Object-Oriented Programming: Systems, Languages, and Applications (OOPSLA)* 2009.

Co-founder (1999) and co-organizer (yearly, since 1999) with Sophia Drossopoulou, Susan Eisenbach, Peter Müller, Arnd Poetzsch-Heffter, Erik Poll, and others of the international workshop series *Formal Techniques for Java-Like Programs (FTfJP)*, held yearly at the *the European Conference on Object-Oriented Programming (ECOOP)*. Program committee member in 2008, 2007, 2002, 2001, 2000, 1999.
http://www.cs.kun.nl/~erikpoll/ftfjp/

Co-founder (2002) and co-organizer (yearly, since 2002) with Curtis Clifton, Mira Mezini, Shmuel Katz, and others of the international workshop series *Foundations of Aspect-Oriented Languages (FOAL)*, held yearly at the ACM Conference on *Aspect-Oriented Software Development (AOSD)*. Program committee chair in 2003. Program committee member in 2007, 2005, 2004, 2003, 2002.
http://www.eecs.ucf.edu/FOAL/

Co-founder (2001) and co-organizer (since 2003, and in 2001) with Jonathan Aldrich, Mike Barnett, Dimitra Giannakopoulou, Natasha Sharygina, and others of the *Specification and Verification of Component-Based Systems (SAVCBS)*, held yearly at the ACM Conference on *Foundations of Software Engineering (FSE)* (since 2003), and at *OOPSLA* in 2001. Program committee chair in 2005. Program committee member in 2005, 2004, 2003. http://www.eecs.ucf.edu/SAVCBS/

ACM representative on IFIP Technical Committee 2 (acting as liaison from ACM SIGSOFT and SIGPLAN to IFIP TC2), since April 2009.

Co-organizer, with Steven Freund of the "What" working group of the *Programming Languages Curriculum Workshop*, June–July 2008. See the report in *ACM SIGPLAN Notices*, **43**(11):6-29, November 2008.

Organizer of the "Verified by Construction" working group of the *IFIP Working Conference on Verified Software: Theories, Tools, Experiments*, October 2005 to October 2006.

Co-editor, with Susan Eisenbach, of a special issue of the journal *Concurrency, Practice and Experience*, volume 13, number 13, 2001. This issue is devoted to papers from the *Formal Techniques for Java Programs* Workshop, at *ECOOP 2000*, Cannes, France, 2000.

Co-organizer with Murali Sitaraman and program committee member of the *Foundations of Component-*

Based Systems Workshop, Zurich, Switzerland, September 26, 1997.
See `http://www.eecs.ucf.edu/~leavens/FoCBS/index.html` and the report in *ACM Software Engineering Notes*, **23**(1):38–41, January 1998.

Member of program committee for *Object-Oriented Programming: Systems, Languages, and Applications (OOPSLA)* in 2009, 2008, 2006, 2004, '97, '95, '93, *European Conference on Object-Oriented Programming (ECOOP)* in 2009 and 2003, *Verified Software: Theories, Tools, Experiments (VSTTE)* in 2008, *Algebraic Methodology and Software Technology (AMAST)* in 2008 and 2000, *ICSE Research Demonstrations Track* in 2008, *Fundamental Approaches to Software Engineering (FASE)* in 2008, *TOOLS Europe* in 2007, *TAP International Conference: Tests And Proofs* in 2007, *Foundations of Object-Oriented Languages / Workshop on Object-Oriented Developments (FOOL/WOOD)* in 2006, *Formal Methods* in 2006, *Principles of Programming Languages (POPL)* in 2006, *Aspect-Oriented Software Development (AOSD)* in 2003, *IFIP Working Group 2.1 Working Conference on Generic Programming* in 2002, *Foundations of Object-Oriented Languages Workshop (FOOL)* in 2000, *22nd International Conference on Software Engineering (ISCE)* in 2000, *Second International Conference on the Unified Modeling Language (UML'99)*, *European Software Engineering Conference and ACM SIGSOFT International Symposium on the Foundations of Software Engineering (ESEC/FSE '99)*, *ACM SIGSOFT Symposium on Software Reusability (SSR'99)*, *Conference on Object-Oriented Technologies and Systems (COOTS) '99*, *COOTS '98*, *International Conference on Software Reuse ICSR5 '98*, *ICSR4 '96*, *Mathematical Foundations of Programming Semantics, MFPS '93*, *International Workshop on Specification Techniques and Formal Methods '98*, and *Component-Based Software Development in Computational Logic Workshop '98*.

Journal referee for *Formal Aspects of Computing* (twice in 2009-2008, 2007, 2000, 1996, 1993, 1991), *Science of Computer Programming* (in 2008, 2007, 2002), *IET Journal* (in 2008), *Software and Systems Modeling* (in 2008, 2007), *Journal of the ACM* (in 2007), *Formal Aspects of Computing* (in 2007, 2000, 1996, 1993, 1991), *Transactions on Aspect-Oriented Software Development* (in 2006), *Software Practice and Experience* (in 2006, 1993, 1992, 1991), *ACM Transactions on Software Engineering and Methodology* (in 2006, 2005, 2003, 2002, 2001, 1998, 1997), *IEEE Transactions on Software Engineering* (in 2005, twice in 2000, and 1999, 1998, 1996, 1991), *Proceedings of the IEEE* (in 2005), *Journal of the Brazilian Computer Society* (twice in 2005), *ACM Transactions on Programming Languages and Systems* (in 2004, twice in 2003, 2002, twice in 1994, 1987), *Information and Software Technology* (2004), *Acta Informatica* (in 2003), *Automated Software Engineering* (in 2003), *Theoretical Computer Science* (in 2002, 1996), *Information and Computation* (in 2000, 1999), *Theory and Practice of Object Systems* (in 1998, 1995), *IEEE Concurrency* (in 1998), *IEEE Computer* (in 1997, 1992), *Journal of Functional Programming* (in 1997), *Object-Oriented Systems* (in 1996, 1995, 1994), *ACM Computing Surveys* (in 1995, 1993/4), *International Journal of Microcomputer Applications* (in 1994), *Journal of Systems and Software* (in 1992), *Communications of the ACM* (in 1983). Conference referee for *CADE 2005*, *OOPSLA 2002*, *ECOOP '99* (in 1998), *OOPSLA '98*, *POPL '97* (in 1996), *AMAST '95* (in 1995), *AMAST II* (in 1991), and various other conferences (in the 1980s).

Chair of the OOPSLA 2010 doctoral symposium.

Reviewer/discussant for the OOPSLA 2008 and '96 doctoral symposia. "Expert" at the AOSD 2005 and 2003 Student Research Extravaganzas.

Proposal reviewer for the US National Science Foundation (a panel with 2 reviews in 2009, a panel with 7 reviews in 2007, a panel in 2006, a panel with 7 reviews in 2005, a panel with 8 reviews in 2004, once in 2003, once in 2001, a panel with 9 reviews in 1998, a panel with 8 reviews in

1996, four times in 1995, twice in 1994, and in 1993, 1991), the Natural Sciences and Engineering Research Council of Canada (in 2006, 2005, and 2002), the Dutch National Science Foundation (in 2004), and the US Department of Energy (in 1991).

Participant in the US National Science Foundation's Directorate for Computer and Information Science and Engineering's area study, during 2005.

Consultant book reviewer for MIT Press (1995), Kluwer Academic Publishers (1995), Richard D. Irwin, Co. (1994), Addison-Wesley Publishing Co. (1994), McGraw-Hill (1993 and 1992), Benjamin-Cummings (1993), Prentice-Hall (1993), Franklin, Beedle, & Associates (1992).

External Ph.D. examiner for: Peter Hui, Depaul University, Chicago, USA (2009); Mohamed El Bendary, University of Wisconsin, Milwaukee, Wisconsin, USA (2008); Devi Prasad, Motilal Nehru National Institute of Technology, Allahabad, India (2006); Ulf Schünemann, Memorial University of Newfoundland, St. John's, Newfoundland, Canada (2005); Peter Müller, FernUniversität, Hagen, Germany (2001); Andrew Bancroft Boake, University of Pretoria, Pretoria, South Africa (1998); Patrice Chalin, Concordia University, Montréal, Québec (1995).

Organizer of a working group at *WISR8: 8th Annual Workshop on Software Reuse*; see the report in *ACM Software Engineering Notes*, **22**(5):17–19, September 1997.

Member of the IEEE Distinguished Visitor Program, Spring 2003–Spring 2005

Member of an ad-hoc committee to select the most influential OOPSLA papers from 1986–1996 (in 2006).

Member of the ACM SIGPLAN Education Board from 2009 to present.

Co-organizer, with Stephen Freund, of the "What" report for ACM SIGPLAN's Programming Language Curriculum Workshop, in 2008.

Member of the Knowledge Area Focus Group on Programming Languages for the ACM/IEEE Computer Science Curriculum 2001 effort (during 1999).

Member of panel on "Software Testing in the Computer Science Curriculum," Iowa Undergraduate Computer Science Consortium, Simpson College, Iowa, March 25, 2000.

Organized and moderated the panel "Science vs. Engineering in Computing," Iowa Undergraduate Computer Science Consortium, Simpson College, Iowa, December 2, 1995.

Professional Societies

Senior member of the Association for Computing Machinery (since 1977, senior since 2007) and its special interest groups for programming languages and software engineering. Senior member of the IEEE Computer Society (since 1986, senior since 1999) and its technical committee on software engineering. Member of the American Association of University Professors (since 1992). Member of the European Association for Programming Languages and Systems (since 1998). Member of IFIP Working Group 2.3 (Programming Methodology) (since 2005).