

Professional Activities and Societies
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Professional Activities

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

Co-organizer, with Jonathan Aldrich, Mike Barnett, Dimitra Giannakopoulou, and Natasha Sharygina of the *Specification and Verification of Component-Based Systems* Workshop at *ESEC/FSE 2007*, Dubrovnik, Croatia, September 2007.
<http://www.cs.iastate.edu/SAVCBS/>

Co-organizer, with John Boyland, Sophia Drossopoulou, Susan Eisenbach, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll, and program committee member of the *Formal Techniques for Java-Like Programs* Workshop, at *ECOOP 2007*, Berlin, Germany, 2007.
<http://www.cs.kun.nl/~erikpoll/ftfjp/>

Co-organizer, with Curtis Clifton, and Mira Mezini, and program committee member of the *Foundations of Aspect-Oriented Languages* Workshop, at *AOSD 2007*, Vancouver, Canada, 2007.
<http://www.cs.iastate.edu/~leavens/FOAL/>

Co-organizer, with Mike Barnett, Dimitra Giannakopoulou, and Natasha Sharygina of the *Specification and Verification of Component-Based Systems* Workshop at *SIGSOFT/FSE 2006*, Portland, Oregon, November 2006.
<http://www.cs.iastate.edu/SAVCBS/>

Co-organizer, with Elena Zucca, Davide Ancona, Sophia Drossopoulou, Susan Eisenbach, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll of the *Formal Techniques for Java-Like Programs* Workshop, at *ECOOP 2006*, Nantes, France, 2006.
<http://www.cs.kun.nl/~erikpoll/ftfjp/>

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-organizer, with Curtis Clifton, and Ralf Lämmel of the *Foundations of Aspect-Oriented Languages* Workshop, at *AOSD 2006*, Bonn, Germany, 2006.
<http://www.cs.iastate.edu/~leavens/FOAL/>

Program committee chair, and co-organizer, with Mike Barnett, Stephen Edwards, Dimitra Giannakopoulou, and Natasha Sharygina of the *Specification and Verification of Component-Based Systems* Workshop at *ESEC/FSE 2005*, Lisbon, Portugal, 2005.
<http://www.cs.iastate.edu/SAVCBS/>

Co-organizer, with Gilad Bracha, Sophia Drossopoulou, Susan Eisenbach, Rustan Leino, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll of the *Formal Techniques for Java-Like Programs* Workshop, at *ECOOP 2005*, Glasgow, Scotland, 2005.

<http://www.cs.kun.nl/~erikpoll/ftfjp/>

Co-organizer, with Curtis Clifton, and Ralf Lämmel, and program committee member of the *Foundations of Aspect-Oriented Languages* Workshop, at *AOSD 2005*, Chicago, IL, 2005.

<http://www.cs.iastate.edu/~leavens/FOAL/>

Co-organizer, with Mike Barnett, Stephen Edwards, Dimitra Giannakopoulou, and Natasha Sharygina and program committee member of the *Specification and Verification of Component-Based Systems* Workshop at *ACM SIGSOFT/FSE 2004*, Newport Beach, California, 2004.

<http://www.cs.iastate.edu/SAVCBS/>

Co-organizer, with Sophia Drossopoulou, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll of the *Formal Techniques for Java-Like Programs* Workshop, at *ECOOP 2004*, Oslo, Norway, 2004.

<http://www.cs.kun.nl/~erikpoll/ftfjp/>

Co-organizer, with Curtis Clifton, and Ralf Lämmel, and program committee member of the *Foundations of Aspect-Oriented Languages* Workshop, at *AOSD 2004*, Lancaster, UK, 2004.

<http://www.cs.iastate.edu/~leavens/FOAL/>

Co-organizer, with Mike Barnett, Stephen Edwards, and Dimitra Giannakopoulou, and program committee member of the *Specification and Verification of Component-Based Systems* Workshop at *ECSE/FSE 2003*, Helsinki, Finland, 2003.

<http://www.cs.iastate.edu/SAVCBS/>

Co-organizer, with Susan Eisenbach, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll, and program committee member of the *Formal Techniques for Java-Like Programs* Workshop, at *ECOOP 2003*, Darmstadt, Germany, 2003.

<http://www.cs.kun.nl/~erikpoll/ftfjp/>

Co-organizer, with Curtis Clifton, and program committee chair of the *Foundations of Aspect-Oriented Languages* Workshop, at *AOSD 2003*, Boston, 2003.

<http://www.cs.iastate.edu/~leavens/FOAL/>

Co-organizer, with Susan Eisenbach, Sophia Drossopoulou, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll, and program committee member of the *Formal Techniques for Java-Like Programs* Workshop, at *ECOOP 2002*, Malaga, Spain, 2002.

<http://www.cs.kun.nl/~erikpoll/ftfjp/ftfjp2002.html>

Co-organizer, with Ron Cytron and program committee member of the *Foundations of Aspect-Oriented Languages* Workshop, at *AOSD 2002*, Twente, The Netherlands, 2002.

<http://www.cs.iastate.edu/~leavens/FOAL/papers-2002/>

Co-organizer, with Murali Sitaraman and Dimitra Giannakopoulou, and program committee member of the *Specification and Verification of Component-Based Systems* Workshop at *OOPSLA 2001*, Tampa Bay, Florida, 2001.

<http://www.cs.iastate.edu/~leavens/SAVCBS/papers-2001/>

Co-organizer, with Susan Eisenbach, Sophia Drossopoulou, Peter Müller, Arnd Poetzsch-Heffter, and Erik Poll, and program committee member of the *Formal Techniques for Java Programs* Workshop, at *ECOOP 2001*, Budapest, Hungary, 2001. See

<http://www.informatik.fernuni-hagen.de/import/pi5/workshops/ecoop2001.html>.

Co-editor, with Susan Eisenbach, of a special issue of the journal *Concurrency, Practice and Expe-*

rience, 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 Susan Eisenbach, Sophia Drossopoulou, Bart Jacobs, Peter Müller, and Arnd Poetzsch-Heffter, and program committee member of the *Formal Techniques for Java Programs* Workshop, at *ECOOP 2000*, Cannes, France, 2000. See <http://www.informatik.fernuni-hagen.de/import/pi5/workshops/ecoop2000.html>.

Co-organizer, with Bart Jacobs, Peter Müller, and Arnd Poetzsch-Heffter, and program committee member of the *Formal Techniques for Java Programs* Workshop, at *ECOOP '99*, Lisbon, Portugal, 1999. See <http://www.informatik.fernuni-hagen.de/import/pi5/conferences/FTfJP99>.

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.cs.iastate.edu/~leavens/FoCBS/index.html> and the report in *ACM Software Engineering Notes*, **23**(1):38–41, January 1998.

Member of program committee for *Fundamental Approaches to Software Engineering (FASE)* (2008), *TOOLS Europe* (2007), *TAP International Conference: Tests And Proofs* (2007), *Object-Oriented Programming: Systems, Languages, and Applications (OOPSLA)* 2006 (and also in '97, '95, '93, 2004), *Foundations of Object-Oriented Languages / Workshop on Object-Oriented Developments (FOOL/WOOD)* 2006, *Formal Methods 2006*, *Principles of Programming Languages (POPL)* 2006, *ECOOP 2003 – European Conference on Object-Oriented Programming, Aspect-Oriented Software Development (AOSD) 2003*, *IFIP Working Group 2.1 Working Conference on Generic Programming 2002*, *Foundations of Object-Oriented Languages Workshop (FOOL '00)*, *Algebraic Methodology and Software Technology (AMAST 2000)*, *22nd International Conference on Software Engineering (ISCE 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* (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), *Science of Computer Programming* (in 2002), *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). “Expert” at the AOSD 2005 and 2003 Student Research Extravaganzas. Reviewer/discussant for the OOPSLA '96 doctoral symposium.

Proposal reviewer for the US National Science Foundation (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: 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 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

Member of the Association for Computing Machinery (since 1977) 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).