

Main positions

- ETH Zurich, Computer Science Department
October 2001-present: Professor and head of Chair of Software Engineering. Associate chair (2003-2004) then chair (2004-2006) of ETH's Computer Science department.
Introduced new approach to programming education and numerous courses. In charge of core courses (Introduction to Programming, continuously since 2003, Software Architecture) & master's/PhD courses. Teaching language is English for most courses and German for Intro. to Prog. Produced first MOOC (Massive Online Open Course) at ETH, then three more; MOOCs are available from EdX consortium. Research projects on diverse aspects of software technology (correctness proofs, testing, concurrency, persistence, distributed development, tools and IDEs, CS education, languages). PhD supervision: 19 PhD theses completed 2003-2014, several in progress. Over 40 master's theses.
Organized numerous international conferences (see "academic assignments") and seminars.
Grants: about 9 MCHF (\approx USD/EUR) total. Swiss Nat. Science Foundation and ETH (many), Microsoft (4 grants), Hasler Foundation (3 grants), Gebert-Ruf Foundation; ERC Adv. Investigator Grant (2.5 M-EUR, 2012-2017).
- Eiffel Software, Santa Barbara (California)
Company founder. 1985-2001: President & CEO; 2001-Present: Chief Architect.
Introduced Eiffel method, language and environment and Design by Contract. Customers include corporations in the US and Europe, with large-scale mission-critical systems in finance (e.g. Chicago Board of Trade real-time price reporting system, Axa Rosenberg investment management), aerospace (e.g. Boeing, ballistic missile defense simulations), health care (e.g. Swedish social security administration), real-time (HP printers), CAD, networking (e.g. EMC).
- University of California, Santa Barbara, Computer Science Department, 1983-1986: Visiting Associate Professor.
Taught core courses; introduced new software-related courses, in particular on object technology.
- EDF (French National Power Company), R&D, 1974-1983: Research engineer (1974-1976); Head of software support, tools and education division (1976-1983). Responsibility for software support, software tool development, programmer education for one of the largest computing centers in Europe.

Other positions

- Director of Software Engineering Laboratory and head of Software Engineering Institute, Innopolis University, Kazan, Russia, since August 2014 (part-time position).
Founded laboratory, budget \$1M/year. Staff includes associate professor, postdocs, PhD students. Since 8/2015 head of Institute, includes two other laboratories with 5 full professors plus other faculty and staff.
- Professor of software engineering and verification (part-time), ITMO state university, Saint Petersburg (Russia), 2011-2014.
Founded Soft. Eng. & Verification Lab. Directed PhD students and researchers, organized 4 international conferences.
- ECMA and International Standards Organization (ISO), ECMA TC39-TG4 committee, Eiffel, 2002-present.
Committee member and Editor of the standard text. Standard was adopted in 2005 by ECMA and in 2006 as an international standard by ISO. Revised version (current), 2007. Next revision in progress.
- Informatics Europe (the association of European Computer Science departments): president, 2005-2011.
Founded association, today grouping over 100 dues-paying member institutions across Europe. Initiated Informatics Europe activities, including preparation of seminal reports. Co-organized four of the annual conferences (European Comp. Sc. Summit). Board member 2005-2012, currently chair of nominating committee.
- Monash University, Melbourne, Australia (1998-2003): Professor.
Adjunct (part-time) position. Conducted courses and research during regular visits.
- Several hundred one- or two-day industry courses in collaboration with various organizations.
Include international seminar series on object technology, 1987-1995, Design by Contract since 1997, programming in .NET, 2000-2002, agile methods & concurrency since 2009. Regular courses for industry at ETH, 2003-2014.
- Société des Outils du Logiciel, Paris (1986-1997): Founded company ; president and Chief Technology Officer.
- TOOLS conference series: founder and conference series chair, 1989-2013 (50 conferences).
- Journal of Object Technology: founding publisher, 2002-2010; editorial board and steering committee member, 2010-present.
- LASER software engineering summer school: founder and director, 2004-present.
- Short sabbatical stays and extended guest lectures: universities and research centers in Australia (UTS, Monash), China (Fudan, Jiao Tong), Italy (Politecnico di Milano, Florence), Russia, France (École Polytechnique).

Legal and other consulting

- Consultant to corporations in the US, Europe and Japan on software issues, patents, project management, IT strategy.
- Expert in software-related arbitration case (large enterprise software) with International Chamber of Commerce, 2006.
- Expert in IT-related legal cases in Switzerland, EU, US, 1995-present; in EU antitrust case, 2002-2004.
- Expert in Apple-Nokia patent litigation with the US International Trade Commission, 2010-2012. "Our" side won.
- Studies and reports for Swiss and other companies: IT strategy, software assessment, project rescue (Expertyze, since 2013).

Education

- Doctorat ès Sciences (doctorate + habilitation), Université Henri Poincaré, Nancy, 1985.
- Engineer's degree, École Nat. Sup. Télécommunications, Paris, 1974.
- MSc in computer science, Stanford University, California, 1974.
- Maîtrise (\cong MA) in Russian language and literature, Sorbonne (Univ. Paris-IV), 1973.
- DEA (\cong MSc) in computer science, Université Paris VI, 1972.
- Engineer's degree, École Polytechnique, Paris, 1972.

Prizes, awards

- 2014 Doctorate Honoris Causa, University of York, UK. (Same year: IFIP Silver Core award.)
- 2012 Recipient of ERC Advanced Investigator Grant (2.5 M Euro) for “Concurrency Made Easy” project.
- 2011 Elected member of Academia Europaea.
- 2010 Harlan Mills prize of the IEEE (“*For practical & fundamental contributions to object-oriented software engineering*”).
A top award for software engineering.
- 2009 ACM Fellow.
- 2006 ACM Software System award (for the design of Eiffel).
Previous recipients include the designers of the Internet (TCP/IP), Unix, Eclipse, Postscript, TeX etc.
- 2006 Doctorate Honoris Causa, ITMO National Research University, Saint Petersburg., Russia.
- 2005 Senior Dahl-Nygaard prize for object technology in recognition of the design of Eiffel.
The prize was established in recognition of the two creators of object technology, for pioneering contributions to the field. This was the first time it was awarded.
- 1998 Jolt Award (for *Object-Oriented Software Construction*, 2nd edition).
A top prize for computer books.
- 1991 Elected member of the Académie des Technologies
French Academy of Technology (was “Comité des Applications de l’Académie des Sciences” until 2001)

Keynote presentations

Keynotes at most top software conferences. *Software engineering*: Int. Conf. on Software Engineering (ICSE); European Soft. Eng. Conf. (ESEC); Asia-Pacific Soft. Eng. Conf. (APSEC); Australian Soft. Eng. Conf. (ASWEC); Central and Eastern European Soft. Eng. Technology (CEE-SET); Soft. Eng. Conf. Russia (SEC-R). *Programming*: Object-Oriented Programming, Systems, Languages and Applications (OOPSLA); European Conf. on Object-Oriented Programming (ECOOP, twice); European Joint Conf. on Theory & Practice of Software (ETAPS), as “Unifying invited speaker” (i.e. joint plenary presentation to all ETAPS confs). *Software Architecture*: CBSE, CompArch. *Summer schools*: Marktoberdorf (twice), Lipari, Turku, Microsoft Research, Le Bréau (CEA/EDF), LASER. *Computer science education*: IEEE Conf. on Software Engineering Education and Training (CSEE&T, twice); Russian (3 times), Spanish, French and Hungarian national CS education conferences; Informatics Education Europe. *Formal methods*: Z & B, SEFM, TASE, Memocode (formal methods of system design, twice), PSI (Persp. of Syst. Informatics, twice). *Distinguished lectures*: Univ. Wisconsin-Lacrosse, Ershov lecture at Sib. Acad. Sc. Numerous university and company seminars. *Commercial technical conferences*: Object World, Microsoft PDC, JAOO, .NET Days etc.

Academic assignments

- Member of numerous ETH committees including six faculty search committees; department representative at ETH 150-th anniversary committee in 2004-2005.
- PhD and habilitation committees: various universities in Europe, US and Australia.
- Research proposal assessment and tenure/promotion evaluations for various universities and research councils in US, Europe, UK, Canada, NZ. Department/institute evaluations (committee chair in 2013 for a Swiss department evaluation).
- Numerous conference program committee memberships. Journal of Object-Oriented Programming, 1991-2001.
- General chair or program chair of numerous conferences, including International Conference on Software Engineering (ICSE), TOOLS, European Soft. Eng. Conf. (founding steering committee chair 1987-1989, general chair of 2013 conference), Central & Eastern European Soft. Eng. Conference, TAP (Tests And Proofs), SEAFOOD (Outsourcing and software engineering), VSTTE (Verified Software: Theories, Tools, Experiments, introduced Hoare’s “Grand Challenge”). Wirth birthday symposium chair, Feb. 2014. Many of these events took place at ETH.

Some committee memberships (past 10 years)

- ACM-Europe Council, 2008-present.
- ACM nominating committee (selecting candidates for president and other high offices), 2007-2009.
- ACM Fellows Committee (awards the “ACM fellow” title), since 2015.
- IEEE 60-th anniversary award committee, 2007 (one-time \$100,000 prize for IEEE anniversary).
- IEEE Harlan D. Mills Practical Visionary prize committee, 2006 and 2011-present. Chair of committee since 2014.
- Switzerland representative in IFIP TC2 committee (software) 2004-2001, committee chair 2010-2011.
- Scientific council of Université Pierre et Marie Curie (Paris VI), 2008-2012.
- Advisory board of ENSIMAG (Grenoble), 2004-2008.

Publications

Full list, annotated, at <http://se.ethz.ch/~meyer/publications> with links to the text of most articles. 11 books, one with coauthor, others as single author, including best-seller (*Object-Oriented Software Construction*, about 300,000 copies sold, translated into 15 languages). About 60 edited or co-edited books and conf. proceedings; about 200 articles in refereed international journals and conferences (including chapters in refereed books). Several best-paper awards 2007-2014. Citations (Google Scholar, 4/2015): H-Index 46, G-Index 181. Three highest-cited publications (“Einstein index”): respectively 9057, 2316 and 2191 citations.

Personal

Born 21 Nov. 1950, French citizen. Married to Annie Meyer (Gibault) since 1976, 5 children.

Languages: fluent English, Russian and French, professional-proficiency German, acceptable Italian, basic Spanish.