

Professional Committees, Duties and Training (Related to Teaching)

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- 1969-1972 Research work and teaching activity as “wetenschappelijk medewerker” (staff-position) at the Mathematics Institute, University of Utrecht, Utrecht, the Netherlands.
- 1973-1974 Undergraduate Studies Committee (member), Dept. of Computer Sciences, SUNY at Buffalo.
- 1975 Participant Advanced Course on Compiler Construction, TU München, March 3-14.
- 1975-1976 Doctoral Examination Committee (member), Dept. of Computer Sciences, SUNY at Buffalo.
- 1975-1976 Colloquium Committee (chairman), Dept. of Computer Sciences, SUNY at Buffalo.
- 1976 Invited Lecturer, 2nd Advanced Course on Foundations of Computer Science, Mathematical Centre, Amsterdam.
- 1977-1978 Curriculum Development for Computer Science, University of Utrecht.
- 1978 Participant Advanced Course on Operating Systems, TU München, March 29-April 6.
- 1978 Invited Speaker (topic: file optimization by record migration), Colloquium Capita Data Structures, Mathematical Centre, Amsterdam.
- 1978 Invitee, IBM Seminar on the Teaching of Computer Science, Newcastle upon Tyne, Sept. 6-8.
- 1978-1981 CREST Subcommittee on Training in Data Processing and Informatics (Dutch representative), the European Communities, Brussels.
- 1978-1985 Subcommittee on Informatics (ARSI) of the Academic Council (AR) (member), the Netherlands.
- 1979 Invitee, IBM Seminar on the Teaching of Computer Science, Newcastle upon Tyne, Sept. 5-7.

- 1980 Invitee, IBM Seminar on the Teaching of Computer Science, Newcastle upon Tyne, Sept. 2-5.
- 1981-1983 Curriculum Development for Computer Science (major), University of Utrecht.
- 1982 Invitee, IBM Seminar on the Teaching of Computer Science, Newcastle upon Tyne, Sept. 7-10.
- 1983- 1992 Committee for the Exams (Chairman), Dept of Computer Science, University of Utrecht.
- 1984 Invited Lecturer (on "Routing methods in computer networks"), Winter-school of the Finnish Society for Information Processing Science, Lammi, Jan. 3-6.
- 1984 Supervisory Member, committee for the Final Exams, HIO "De Maere", Enschede, the Netherlands.
- 1984 Invitee, IBM Seminar on the Teaching of Computer Science, Newcastle upon Tyne, Sept. 4-7.
- 1985 Invited Speaker (on "Authentication"), Conference on "Data: management and control", NGI/Section EDP-Auditing, Noordwijkerhout, May 6-8.
- 1985 Supervisory Member, committee for the Final Exams, HIO "De Maere", Enschede, the Netherlands.
- 1985 Invitee, IBM Seminar on the Teaching of Computer Science, Newcastle upon Tyne, Sept. 3-6.
- 1985 Invited Lecturer (on "the Design and Analysis of Network Protocols"), SOFSEM '85, Zdiar, Nov. 25-29.
- 1986 Invitee and Distinguished Lecturer (Lecture Series on "Distributed Algorithms and Protocols"), Department of Computer Science, University of California at Santa Barbara, April 26 - May 23.
- 1986 Supervisory Member, committee for the Final Exams, HIO "De Maere", Enschede, the Netherlands.
- 1986 Contributed talk, meeting of the Alumni of the University of Utrecht (on the occasion of the 350 year anniversary of the University), Utrecht, June 7.
- 1986 Member of the Panel on "Pragmatic aspects of Complexity Theory", IFIP Congress '86, Dublin, Ireland.

- 1987 Invited Speaker (on “Parallel computers and computations”), 12th Conference on the Mathematics of Operations Research, Lunteren, the Netherlands, January 14 - 16.
- 1987 Supervisory Member (and Chairman), committee for the Final Exams, Hogeschool Drenthe, Emmen , the Netherlands.
- 1988 Supervisory Member (“Rijksgecommitteerde”), committee for the Final Exams, Hogeschool Drenthe, Emmen, the Netherlands.
- 1988 Invited Lecturer (on “NC, P and OR”), Forskerkursus in Discrete optimization, University of Aarhus, Aarhus, Nov. 21-23.
- 1989-1992 Selection Committee International Student Exchanges (member), Afd. International Samenwerking, University of Utrecht.
- 1989 Award Committee (proposer and chairman), Prijsvraag ”Wiskunde + Informatica = Avontuur”, Open Dag Faculteit Wiskunde en Informatica, Utrecht, April 15 (1989).
- 1989 Supervisory Member (“Rijksgecommitteerde”), committee for the Final Exams, Hogeschool Drenthe, Emmen, the Netherlands.
- 1991 Invited Speaker (on ‘New developments’), First reunion meeting of AVIRUS (Association of Computer Science Alumni), Utrecht, October 5.
- 1992 Lecture ‘Vakgroep Informatica’, Ouderdag, AESkwadraat, Utrecht, January 25.
- 1992 Lecture ‘the Software Equation’, Themadag, Utrecht, April 11.
- 1992 Chairman Symposium ‘Verstand van Verstand’, organized by AESkwadraat, Utrecht University, May 12.
- 1992-1994 Chairman, Steering Committee for implementing the new computer science curriculum (‘Stuurgroep Invoering Nieuw Opleidingsprogramma Informatica’).
- 1993 Invited Speaker (on ‘New developments’), Second reunion meeting of AVIRUS (Association of Computer Science Alumni), Utrecht, March 20.
- 1993 Chairman, conference on ‘De quintessens van software: software product kwaliteit’, NOVI/SERC, RAI Congrescentrum, Amsterdam, December 7.
- 1994-1997 Steering Committee (member), project ‘Invoering Basiskwalificatie Onderwijs’, Utrecht University. 3

- 1995 Contribution to ‘Opleiding Informatica: zelfstudie 1995’, Faculty of Mathematics and Computer Science, Report for the VSNU visiting committee on computer science teaching.
- 1995 Lecture ‘Electronisch Geld op Internet’, Project β -groei, 18 december 1995, Utrecht.
- 1996 Invited Speaker (on ‘Informatica 2000’), Annual reunion meeting of AVIRUS (Association of Computer Science Alumni), Utrecht, June 1.
- 1996-1997 Member (National) Committee ‘Vijfde Jaar Beta’.
- 1996-1997 Preparatory activities for a ‘Informatica en Management’-variant of the computer science curriculum.
- 1997-1998 Responsible for the design of the *Regeling Basiskwalificatie Onderwijs (BKO)*, the *Regeling Senior Kwalificatie Onderwijs (SKO)*, and the *Regeling Senior Kwalificatie Onderzoek (SKOz)* of the faculty.
- 1997 Member of the Forum on “Nieuwe Opleidingswegen naar het Informatica Beroep”, Nederlands Informatica Onderwijs Congres (NIOC’97), The Hague, March 13.
- 1997- Selection Committee International Student Exchanges (member), Afd. International Samenwerking, University of Utrecht (also 1989-1992).
- 1997-2003 Chairman, Committee for the Exams, Dept of Computer Science (later: of Information and Computing Sciences), Utrecht University.
- 1997-2001 Coordinator/member steering committee of the ‘Informatica en Management’-variant of the computer science curriculum.
- 1997-1998 Working group (member), project ‘Evaluatie FLOW - Onderwijskwalificaties’, Utrecht University.
- 1997- Member of the ‘Informaticakamer’, VSNU.
- 1997-1999 Advisory Committee (‘Begeleidingscommissie’, chairman), “Interfacultair Instituut voor Lerarenopleiding, Onderwijsontwikkeling en Studievoordigheden” (IVLOS), Utrecht University.
- 1997-1999 Member ‘Adviescommissie Kwaliteit Personeelsbeleid’ (ACKP), advisory committee of the University Board on the quality of personnel policy, Utrecht University.
- 1997 Discussion meetings (participant) on ‘Cooperative Education’ (‘Leerwerktrajecten’), Utrecht University.

- 1997 Invited Speaker ('Informatici gevraagd', on the shortage of IT-personnel), Congres 'Schaarste: Fictie of Werkelijkheid - Macroeconomische verkenningen op de IT-markt', Vereniging PAC, Schiphol, November 18.
- 1997 Certificate, basic university teaching qualification, Utrecht University (in new system of teaching qualifications for academic personnel).
- 1997 Certificate, senior university teaching qualification, Utrecht University (in new system of teaching qualifications for academic personnel).
- 1998-1999 Vice-chairman 'Adviescommissie Kwaliteit Personeelsbeleid' (ACKP), advisory committee of the University Board on the quality of personnel policy, Utrecht University.
- 1998 Member jury "docentenprijs 1998-1999" (jury best teacher award 1998-1999), Utrecht University.
- 1998-2010 Boardmember "Schuurman Schimmel - van Outeren Foundation".
- 1998-1999 Co-dean for the curricula 'Cognitieve Kunstmatige Intelligentie' (CKI) and 'Natuurwetenschappen en Bedrijf & Bestuur' (NWBB).
- 1998 Evaluation committee (together with Ch.G. van Weerd) for the evaluation of the Julius Institute, Faculty of Physics and Astronomy, Utrecht University.
- 1998- Chairman 'Geschillencommissie BKO/SKO' (Committee of Appeals for the BKO/SKO Certification), Utrecht University.
- 1998 Member working group on 'M-profielen' (societal orientation of science curricula), Bèta-project, Utrecht University.
- 1998 Participant, course on 'Academic Leadership', Utrecht University, Utrecht, June 24-25, September 22-23.
- 1998 Chairman, Symposium on 'The Millennium Problem: bit by bit under control?', HELIX (Association of NWBB Students), Utrecht, November 3.
- 1998 Invited speaker ('Veranderend leiderschap onder de MUB', on changing academic leadership within the universities), Loosdrecht-2 conference, Faculteit Ruimtelijke Wetenschappen, Bussum, December 10.
- 1998 Lecture 'Informatics and management', Ouderdag, AESkwadraat, Utrecht, December 12.
- 1999 Invited speaker ('Nieuwe uitdagingen in de IT'), Lustrum Symposium on 'IT after 2000', Noordelijke Hogeschool Leeuwarden (NHL), April 23.

- 1999 Member organizing committee, ACKP Conferentie ‘De prof als coach’, Utrecht University, June 4.
- 1999 Chairman panel on ‘Informatics in secondary education’ (‘Informatica in de tweede fase VO: kansen voor de toekomst’), 5e Nationaal Informatica Onderwijs Congres (NIOC’99), Enschede, November 11.
- 1999 Lecture ‘Informatics and management’, Ouderdag, AESkwadraat, Utrecht, December 7.
- 2000 Member jury “docent van het jaar” and “junior docenttalent van het jaar” (jury best teacher and best junior teacher awards 2000-2001), Utrecht University.
- 2000-2002 Member steering committee “Onderzoek samenwerking Hogeschool voor de Kunsten Utrecht (HKU) - Universiteit Utrecht (UU)”, Utrecht.
- 2000-2002 Member/vice-chairman “Universitaire Begeleidingscommissie Invoering Bachelors/Masters”, Utrecht University.
- 2002 Founding of the ‘Center for Algorithmic Systems’, Utrecht University.
- 2002- Design and maintenance websites of the Center for Algorithmic Systems, Utrecht University.
- 2002- Member Advisory Council, Fakulteit Kunst, Media en Technologie, Hogeschool voor de Kunsten Utrecht (HKU).
- 2002 Member/coordinator steering committee MSc program “Algorithmic Systems”, MSc curriculum Computer Science, Utrecht University.
- 2002-2005 Program leader, MSc program “Algorithmic Systems”, MSc curriculum Computer Science, Utrecht University.
- 2002-2006 Member jury ‘Utrecht Excellence Scholarships’, Office of International Educational Affairs, Utrecht University.
- 2002 Member jury ‘Civi Afstudeerprijs voor de Industrie’ (Informatica en Technische Informatica), Kon. Holl. Mij. v. Wetenschappen, Haarlem.
- 2002-2005 Member ‘College van Beroep voor de Examens’ (appeals committee for the academic exams), Utrecht University.
- 2004-2005 Member, board of the Junior College Utrecht (JCU), Utrecht University.
- 2005 Lecture ‘Een ontmoeting met DEEP BLUE - Informatica als Wetenschap’, invited plenary talk, CODI Eindsymposium, Febr 25, Evoluon, Eindhoven.

- 2005 Member jury 'Bakkenist Afstudeerprijs voor de Informatica en Technische Informatica 2005', Kon. Holl. Mij. v. Wetenschappen, Haarlem.
- 2005 Gutachter (Reviewer) for Accreditation Agency AQAS: Masterprogramme in Computer Science at the University of Luxemburg.
- 2006 Member jury 'Bakkenist Afstudeerprijs voor de Informatica en Technische Informatica 2005', Kon. Holl. Mij. v. Wetenschappen, Haarlem.
- 2006 Evaluator, Education and Research Capacity Planning for Two-year Master Curricula in Informatics, for: Higher Education Policy Unit, Dept of Education and Training, Brussels, Belgium.
- 2007 Gutachter (Reviewer) for Accreditation Agency ASIIN: Bachelor Informatik / Master Computer Science at the Universitt Bonn.
- 2007 Opening speech, NWERC 2007, AesKwadraat, Utrecht University, Utrecht, November 17.
- 2008 Invited panel member, panel on 'Field-specific Quality Assurance of Informatics Higher Education - Perspectives from Academics and Industry', Euro-Inf Final Conference, University of Cagliari, Sept 4-5, 2008.
- 2008 Opening speech, NWERC 2008, AesKwadraat, Utrecht University, Utrecht, November 22.
- 2008 Keynote speaker ('Attracting more Students to the Informatics Discipline'), Informatics Education Europe III, Venice, 5 December, 2008.
- 2009 Member, panel 'The future of quality university education in Informatics' - 'What type of computer scientist do we need in the future', LSI UPC, Barcelona, March 17.
- 2013 Member, jury, Vliegthart Scriptieprijs 2013, UU, 2013.
- 2013 Member, panel proefvisitatie onderwijs, Dept Wiskunde, UU, 2013.
- 2013 Member, jury, NGI Informatie Scriptieprijs voor Informatica en Informatiekunde 2013, Jong Talent Prijzen, Kon. Hollandsche Maatschappij der Wetenschappen, 2013.
- 2014 Speaker ('Informatica als academische discipline'), Informaticasymposium 2014, AESkwadraat, Utrecht, 31 januari, 2014.
- 2014 Guest speaker ('De wereld van NP'), U-Talent Academie module 'P=NP?' voor 5 vwo, Junior College Utrecht (JCU), 25 November and 9 December, 2014.

- 2014 Guest lecturer ('Shannon's Information Theory'), in: course 'Informatieuitwisseling', freshmen, Informatiekunde, Utrecht, 26 November 2014.
- 2015 Member, jury, Jong Talent Aanmoedigingsprijzen, Kon. Hollandsche Maatschappij der Wetenschappen, 2015.