

# Curriculum Vitae Prof. dr J.N. Kok

January 6, 2012

## Contact

**Joost Nico Kok** was born February 18, 1961 in Naarden, the Netherlands.

**Work address:** Leiden Institute of Advanced Computer Science (LIACS),  
Leiden University, Niels Bohrweg 1, 2333 CA Leiden, The Netherlands.

**Email:** [joost@liacs.nl](mailto:joost@liacs.nl)

**Homepage:** [www.liacs.nl/home/joost](http://www.liacs.nl/home/joost)



## Research Profile

My research is concentrated around the themes (scientific) data and model management, data mining, bioinformatics and algorithms.

Citations 3761, cited publications: 177, H-Index: 28 (Google scholar 2011).

## Positions

1. May 2005 - : Full Professor in **Medicine**, Leiden University.
2. May 1995 - : Full Professor in **Fundamental Computer Science**, Leiden University.
3. June 1994 - April 1995: **Associate Professor** in Neurocomputing, Utrecht University.
4. August 1989 - December 1989: **Tf. Bitt. Professor**, Abo Akademi University, Turku, Finland.
5. October 1988 - May 1994: **Assistant Professor** in Semantics, Utrecht University.
6. September 1984 - September 1988: **Ph.D. student** Free University & CWI Amsterdam.

## Current Professional Assignments

1. **Scientific Director** Leiden Institute of Advanced Computer Science, Leiden University (2009-)

2. **Board Member** Centre for Mathematics and Computer Science Amsterdam (2005-)
3. **Member** Steering Committee ECML PKDD Conference
4. **Chair** Council Intelligent Data Analysis Conference (2004-)
5. **Board Member** Research school "Institute for Programming and Algorithms"
6. **Member** Advisory Council Research School "Biotechnological Sciences Delft Leiden"
7. **Docent** Abo Akademi University, Finland
8. **Dutch representative** International Federation for Information Processing (IFIP) Technical Committee Artificial Intelligence
9. **External examiner** Master of Computer Science, University of Malaya, Kuala Lumpur, Malaysia
10. **Finance Chair** International Conference on Data Mining (2012)
11. **Member** Steering Committee China Holland Educational Competence and Knowledge Center on IT
12. **Member** STW Program Committee Integral Solutions for Sustainable Construction
13. **Board Member** Dutch Association for Theoretical Computer Science

## Past Professional Assignments (selection)

1. **Chair** of the Dutch-Belgium Artificial Intelligence Society (BNVKI) (1997-2002)
2. **Advisor** Centre for Mathematics and Computer Science (-2005)
3. **Member** Beoordelingscommissie Informatica (BCI), NWO-E 1998-2001
4. **Member** Beoordelingscommissie NWO-VENI 2001, 2002
5. **Member** Dutch Foundation of Neural Networks
6. **Reviewer** Ingenet Project European Union
7. **Member** Steering Committee Data Mining, STT Netherlands Study Centre for Technology Trends.
8. **Board** member of the Dutch-Belgium Artificial Intelligence Society (BNVKI) (1996-1997).
9. Council member of the Intelligent Data Analysis Conference (1999-2004).
10. **Member** daily management committee Computer Science (dagelijks bestuur Informatica), Utrecht University 1988-1995)
11. **Member** department council Mathematics and Computer Science (afdelingsbestuur Wiskunde en Informatica), Leiden University (1995-1997)
12. **Director** of Education Computer Science Bachelor /Master / Doctoraal (Opleidingsdirecteur Informatica) (1997-2007)
13. **Director** of Education Media Technology Master Program (Opleidingsdirecteur Mediatechnologie) (2003-2007)
14. **Director** of Education ICT in Business Master Program (2003-2007)
15. **Member** steering committee Lorentz Center, Leiden (- 2006)
16. **Member** ICT and Education Committee, faculty of mathematics and natural sciences, Leiden University

17. **Chair** education committee introduction five year curriculum Computer Science in the Netherlands (Landelijke commissie invoering vijfjarig curriculum Informatica)
18. **Member** Scientific Committee research school Institute for Programming and Algorithms
19. **Member** Scientific Committee (Facultaire Wetenschapscommissie), faculty of mathematics and natural sciences, Leiden University
20. **Member** Scientific Committee Netherlands Bioinformatics Centre

## Review

1. **Chair** research assessment panel "Faculty of Computing and Electrical Engineering", Technical University Tampere (2011)
2. **Chair** peer-review panel "Computational Science", Academy of Finland (2009-)
3. **Chair** Rubicon program, NWO (2009)
4. **Chair** peer-review panel "Strategic Centers for Science, Technology and Innovation Finland" (2011)
5. **Member** Scientific Committee for "Informatics and Knowledge Theory", Research Foundation Flanders (FWO), Belgium (2006 -)
6. **Member** Program Board Informatics, Lorentz Center
7. **Member** Program Board Computational Science, Lorentz Center

## Editorial Boards

1. **Editor** of Fundamenta Informaticae, IOS Press.
2. **Series Editor** of the Natural Computing Series, Springer Verlag Berlin.
3. **Associate Editor** of Natural Computing, Kluwer Academic Publishers.
4. **Editor** of Theoretical Computer Science, Elsevier Science
5. **Editor in Chief** of the Elsevier Science Virtual Journal of Natural Computing (- 2004).
6. **Editor** of the Journal of Universal Computer Science.
7. **Editor** of the Frontiers in Artificial Intelligence and Applications book series, IOS Press.
8. Artificial Intelligence **theme editor** Encyclopedia Of Life Support Systems, Unesco.
9. **Editor** Computational Intelligence, Blackwell Publishing

## Ph.D. theses supervised

1. september 23, 1993: Peter Knijnenburg, UU, Utrecht, co-promotor
2. september 15, 1995: Rob Udink, UU, Utrecht, promotor
3. november 21, 1996: Marcello Bonsangue, VU, Amsterdam, promotor
4. may 23, 1997: Bas Haring, UU, Utrecht, promotor
5. march 18, 1999: Cees van Kemenade, UL, Leiden, promotor
6. january 25, 2001: Mark Jelasity, UL, Leiden, promotor
7. october 4, 2001: Maarten Lamers, UL, Leiden, promotor
8. march 7, 2002: Michiel van Wezel, UL, Leiden, promotor
9. may 8, 2002: Rob van Stee, UL, Leiden, promotor
10. june 25, 2002: Daniel Tauritz, UL, Leiden, promotor
11. november 28, 2002: Jano van Hemert, UL, Leiden, promotor
12. march 5, 2003: Sander Bohte, UL, Leiden, promoter
13. january 20, 2005: Erika Abraham, UL, Leiden, promotor
14. september 14, 2005, Jeroen Eggemont, UL, Leiden, promotor
15. april 4, 2006, Marcel Kyas, UL, Leiden, promotor
16. may 15, 2006, Siegfried Nijssen, UL, Leiden, promotor
17. december 18, 2007, Joost Broekens, UL, Leiden, promotor
18. june 11, 2008, Jeroen Kazius, UL, Leiden, promotor
19. october 8, 2008, Ayman Khedr, UL, Leiden, promotor
20. october 29, 2008, Edgar de Graaf, UL, Leiden promotor
21. march 4, 2009, Fabrice Colas, UL, Leiden, promotor
22. november 17, 2009, Mounia Belmamoune, UL, Leiden, promotor
23. december 2, 2009, Tim Cocx, UL, Leiden, promotor
24. december 8, 2009, Andries Stam, UL, Leiden, promotor
25. december 21, 2009, Jeroen Laros, UL, Leiden, promotor
26. january 19, 2010, Peter van der Putten, UL, Leiden, promotor
27. january 28, 2010, Erik Wubbo Lameijer, UL, Leiden, promotor
28. october 21, 2010, Ariadi Nugroho, UL, Leiden, promotor
29. november 3, 2010, Bart Thomee, UL, Leiden, promotor
30. november 18, 2010, Jeroen de Bruin, UL, Leiden, promotor
31. december 21, 2010, Ron Breukelaar, UL, Leiden, promotor
32. may 11, 2011, Elia Stupka, UL, Leiden, promotor
33. september 14, 2011, Julia Dmitrieva, UL, Leiden, promotor
34. november 24, 2011, Yanju Zhang, UL, Leiden, promotor
35. december 20, Jun Wang, UL, Leiden, promotor
36. december 22, 2011, Ard Oerlemans, UL, Leiden, promotor

## Current Projects

1. **Commit P24** An integrated system that brings the ICT in life-science applications using e-biobanking able to handle the extremely large datasets. Integrated e-biobanking platform, including multimodal brain function data, virtual tissue bank, and a medical MRI imaging. <http://www.commit-nl.nl/>
2. **e-BioGrid** Life sciences today deals with data-intensive and high-throughput experimentation. e-BioGrid supports life-science research through the development and exploitation of a computing infrastructure. High-performance computing hardware as well as infrastructure software is build and made available to enable more effective research in technology areas such as next-generation sequencing, microarray technology, mass spectrometry, nanoscopy and biobanking. <http://www.ebiogrid.nl/>
3. **CMSB2** The Centre for Medical Systems Biology (CMSB) is a joint activity of Leiden University Medical Center, Leiden University, Free University Medical Center and Free University Amsterdam, Erasmus MC Rotterdam and TNO Leiden, aiming to apply innovative multidisciplinary genomics and bioinformatics approaches to improve diagnosis, therapy and prevention of common and rare diseases. <http://www.cmsb.nl/home/index.php>
4. **Systems Biology** Understanding the functioning of biological systems is essential for the development of effective drugs and therapies for major ailments, such as metabolic syndrome, cancer, diabetes and ageing. It is also crucial for cost-effective biotechnological innovations. However, living organisms are extremely complex: even 'simple' functions require the interplay of large numbers of components in time and space: molecules, cells, tissues, organisms. Systems biology is the scientific approach towards overcoming this complexity hurdle. It brings together experimental information about the interplay of the components of the systems in quantitative mathematical models that allow prediction of the behaviour of such systems. <http://www.ncsb.nl/>
5. **InfraWatch** Managing the huge amounts of data, extracted from the monitoring systems, requires integral knowledge in the field of data management. Moreover, the best representation for storing the data is not necessarily the best representation for the evaluation of the data. Statistics, Data Mining and Pattern Recognition are needed for the smart evaluation of data extracted from the degradation mechanisms. With the current research project it is the objective to design, develop and optimize a data management system for measuring and reporting the actual performance of large infrastructural projects. This system is a monitoring and reporting system providing monitoring, notification and reporting services. The goal of such a system is to manage the output of sensors in an optimal way for infrastructure condition assessment. <http://infrawatch.liacs.nl/>

6. **Compass** The goal of the project is the development of stream mining techniques for complex patterns such as graphs. We will try to extend the existing state-of-the-art techniques into two, orthogonal directions: on the one hand, the mining of more complex patterns in streams, such as sequential patterns and evolving graph patterns (for example social networks), and on the other hand, more natural stream support measures taking into account the temporal nature of most data streams. <http://compass.liacs.nl/>
7. **Links** LINKS aims at reconstructing all nineteenth and early twentieth century families in the Netherlands. This reconstruction will be based on GENLIAS, which is a digitized index of all civil certificates from this period. For fifteen years numerous volunteers have been working to build the index, which contains not only the names of born, deceased and married persons, but also the names of their parents, places of birth, ages and partly their occupational titles. <http://www.iisg.nl/hsn/news/links-project.php>
8. **DDMoRe** Model based-drug development (MBDD) is accepted as a vital approach in understanding patient risk/benefit and attrition. At the core of MBDD lies Modelling and Simulation (M&S), a technology providing the basis for informed, quantitative decision-making. The Drug Disease Model Resources (DDMoRe) consortium's strategy will have standards as its core: a newly developed common definition language for data, models and workflows, along with an ontology based standard for storage and transfer of models and associated metadata. <http://www.ddmore.eu/>
9. **Cyttron** The Cyttron consortium wants to implement a comprehensive, integrated infrastructure for bio-imaging and modeling cells down to atomic detail. We would like to provide a generic tool for identifying the molecular causes of disease, essential for the prevention of disease and the development of new drug and therapies, and to establish a platform for advanced diagnosis and tuning of individualized therapy, increasing effectiveness in health care. The consortium is highly multidisciplinary including (bio-)physicists, chemists, mathematicians, bio-informatics and image processing specialists, cell biologists, microscopists and medical researches from various research institutes. <http://www.cyttron.org/>
10. **Deliver** In this project, a novel approach towards logistic planning is developed. We call this approach continuous planning, as opposed to traditional (batch-oriented, a priori) planning. <http://deliver.almende.com>
11. **Living Lab The Hague** In the Living Lab The Hague, students and researchers from Leiden University will work together with colleagues and representatives of international organisations, companies and other knowledge institutions based in The Hague as well as with international partner universities. The collaboration will focus on issues related to peace and justice. <http://www.denhaag.nl/en/residents/to/European-subsidy-for-Living-Lab-The-Hague.htm>
12. **Exceptional Model Mining** In most databases, it is possible to identify small partitions of the data where the observed distribution is notably different from that of the database as a whole. In classical subgroup discovery, one considers the distribution of a single nominal attribute, and

exceptional subgroups show a surprising increase in the occurrence of one of its values. We introduce Exceptional Model Mining (EMM), a framework that allows for more complicated target concepts. Rather than finding subgroups based on the distribution of a single target attribute, EMM finds subgroups where a model fitted to that subgroup is somehow exceptional. <http://www.cs.uu.nl/groups/ADA/emm/index.php>

## Past Projects (selection)

1. **NWO**: Refinement of Imperative programs. 1 Ph.D., 1 programmer.
2. **NWO**: Online optimization (together with Prof La Poutre, Prof. Aerts, Prof. Korst): 2 Ph.D.
3. **NWO**: EDNA: Evolutionary DNA-Computing (2001-2004, Leiden University, LIACS and Institute for Molecular Plant Biology, with Prof. Rozenberg, Prof. Spaink), total volume: 1 PhD, 1 PostDoc, Kfl 100 for chemicals.
4. **NWO**: Hardware grant (pipetting robot, high-speed PCR cyler, confocal microscope) to support the EDNA project (2001, Leiden University, LIACS and Institute for Molecular Plant Biology), total volume: Kfl 250
5. **NWO**: G protein coupled receptors: from sequence to function (2002-2005, Leiden University, LIACS and Leiden/Amsterdam Center for Drug Research, University of Nijmegen, Center for Medicinal- and Bioinformatics, with Prof. IJzerman), total volume: 2 PhD.
6. **NWO**: CoCo, Computational Intelligence for Constraint Programming (together with Prof. Apt, CWI), 1 PostDoc.
7. **NWO**: CoLa, Semantics and refinement of coordination languages (together with Dr. J. Rutten, Prof.dr. J.W. de Bakker, CWI, Dr. E. de Jong, Prof.dr. M. Boasson, Signaal), 1 PhD, 1 PostDoc.
8. **NWO**: Adaptive Information Filtering. 1997-2001, 1 PhD.
9. **EU**: (MolCoNet A Thematic Network on Molecular Computing), FET Funded Network of Excellence by the European Commission, IST-2001-32008, 1 December 2001 - 30 November 2004. Participants: Università degli Studi di Milano-Bicocca, Italy, Universiteit Leiden, The Netherlands, Turku Centre for Computer Science, Finland, The Romanian Academy, Bucharest, Romania, Institut of Biotechnology and Antibiotics, Warsaw, Poland, Magyar Tudományok Akadémia Számítástechnikai Es Automatizálási Kutató Intézet, Budapest, Hungary, The University of Liverpool, United Kingdom, Technische Universität Wien, Austria, Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung E.V., Bonn, Germany, Universidad Politécnica de Madrid, Université de Metz, France, Academiei de Stiinte a Republicii Moldova.
10. **EU**: SEGRAVIS (Syntactic and Semantic Integration of Visual Modeling Techniques), summer 2002- summer 2006, Research Training Network of the European Commission, contract number: HPRN-CT-2002-00275, Participants: Universität Gesamthochschule Paderborn, Germany, Universitaire Instelling Antwerpen (UIA), Antwerp, Belgium, Universitat Politècnica de Catalunya, Barcelona (UPC), Barcelona, Spain, Technical University of Berlin, Germany, University of Bremen, Germany, University of Kent at Canterbury, United Kingdom, Leiden University, The Netherlands, University College London, United Kingdom, Università degli Studi di Milano-Bicocca, Italy, Technical University of Darmstadt, Germany, Università di Pisa, Italy, Università di Roma, Italy.
11. **EU**: Distributed Resource Evolutionary Algorithm Machine (2000-2002, grant from EU-FTE, project DREAM, IST-1999-12679), total volume: 1 PostDoc.

12. **EU:** ESPRIT Working Group 24512 Coordina - From coordination models to applications, August 1997- August 2000. partners: , Universidade Nova de Lisboa (DI-FCT/UNL), Lisbon, Portugal, Gothenborg University, Sweden, Centre for Mathematics and Computer Science (CWI), Amsterdam, The Netherlands, Imperial College London, United Kingdom, INRIA-Rennes, France, Leiden University, The Netherlands, Signaal, Hengelo, The Netherlands, Technical University of Berlin, Germany, Bern University, Switzerland, Cyprus University, Nicosia, Cyprus, University of Bologna, Italy, University of Pisa, Italy, Xerox, Paris, France
13. **EU:** Evonet the European Network of Excellence in Evolutionary Computing, Information Society Technologies Programme IST-1999-14087
14. **EU:** Neuronet, Network of Excellence 28103 in Neural Networks, 1994-2001.
15. **Telematica Instituut:** Archimate, 2002 - 2006, 1 Ph.D.
16. **RIVM:** Environmental Modelling, the use of neural networks in Epidemiology, 1994-2001, 1 PhD.
17. **Senter:** BTS Data Integration and Data Mining, 2 Ph.D.
18. **UL:** Leiden University: Intelligent data analysis for drug design: A combination of bio- and cheminformatics (2001-2004, Leiden University, Leiden / Amsterdam Center for Drug Research and LIACS, grant from Leiden University, with Prof. IJzerman), 1 PhD.
19. **NWO:** Views project, computational life science, 3 PhD, 2004-2008.
20. **FOM:** EA2MPP (Evolutionary Approaches to Multi-Parameter Physics), Technische Fysica: 2 PhD.2004-2010.
21. **NWO:** Mista project (Mining semi-structured Data), open competition, 1 PhD.
22. **NWO:** Dale project (Data Mining for Law Enforcement), Token program, 2 PhD, 2005-2009.
23. **Biotune,** NBIC, 1 fte, 2004-2007.
24. **Biorange,** BSIK, 5 fte, 2005-2009.
25. **Projects with industry** TVA,Hema, Ahold, Rabobank, Dutch Growth Foundation, Rijkswaterstaat, Korps Landelijke Politiediensten, Rijksinstituut voor Volksgezondheid en Milieuhygiene, Ordina, Signaal

## Ph.D. Committees

1. September 23, 1993: Peter Knijnenburg, UU, Utrecht
2. May 17, 1995: Paulien ten Pas, UL, Leiden
3. September 15, 1995: Rob Udink, UU, Utrecht
4. October 5, 1995: Jan Heemskerk, UL, Leiden
5. October 9, 1995: Vishnu Prasetya, UU, Utrecht
6. September 29, 1995: Frans Rietman, UU, Utrecht
7. January 12, 1996: Marc Lankhorst, RUG, Groningen
8. February 14, 1996: Marc Andries, UL, Leiden
9. May 29, 1996: Arjan Bik, UL, Leiden
10. June 6, 1996: Danielle Turi, VU, Amsterdam
11. June 21, 1996: Jan van den Berg, EUR, Rotterdam
12. October 30, 1996: Iko Keesmaat, UL, Leiden
13. November 21, 1996: Marcello Bonsangue, VU, Amsterdam
14. February 4, 1997: Ben Juurlink, UL, Leiden

15. March 5, 1997: Jules Vleugels, UU, Utrecht
16. May 23, 1997: Bas Haring, UU, Utrecht
17. June 6, 1997: Pim Kars, UT, Twente
18. October 22, 1997: Monique van den Dries, UL, Leiden
19. October 28, 1997: Peter Stehouwer, TUE, Eindhoven
20. November 24, 1997: Roy Glasius, KUN, Nijmegen
21. May 26, 1998: Ramze Razaee, UL, Leiden
22. May 28, 1998: Michel Chaudron, UL, Leiden
23. October 20, 1998: Aarnoud Hoekstra, TUD, Delft
24. October 27, 1998: Robert van Engelen, UL, Leiden
25. March 18, 1999: Cees van Kemenade, UL, Leiden
26. May 18, 1999: Gertjan Kamsteeg, UL, Leiden
27. May 31, 1999: Rene van Oostrum, UU, Utrecht
28. June 4, 1999: Rob Potharst, EUR, Rotterdam
29. February 19, 1999: Jukkapekka Hekanaho, Åbo Akademi University, Finland
30. January 11, 2000: Guido te Brake, KUN, Nijmegen
31. June 23, 2000: Edwin de Jong, VUB, Brussel, Belgium
32. October 17, 2000: Erwin van Soest, UL, Leiden
33. October 18, 2000: Rogier van Eijk, UU, Utrecht
34. October 30, 2000: Ulrich Hanneman, UU, Utrecht
35. January 25, 2001: Mark Jelasity, UL, Leiden
36. February 21, 2001: Stephan ten Hagen, UVA, Amsterdam
37. September 26, 2001: Jurriaan Hage, UL, Leiden
38. October 25, 2001: Pieter Jan 't Hoen, UL, Leiden
39. October 4, 2001: Maarten Lamers, UL, Leiden
40. November 12, 2001: Alexander Ypma, TUD, Delft
41. November 20, 2001: Fabian Breg, UL, Leiden
42. November 26, 2001: Steven van Dijk, UU, Utrecht
43. February 27, 2002: Toru Kisuki, UL, Leiden
44. March 7, 2002: Michiel van Wezel, UL, Leiden
45. May 8, 2002: Rob van Stee, UL, Leiden
46. May 29, 2002: Nike van Vugt, UL, Leiden
47. June 25, 2002: Daniel Tauritz, UL, Leiden
48. October 17, 2002: Jerry den Hartog, VU, Amsterdam
49. November 11, 2002: Wieke de Vries, UU, Utrecht
50. November 28, 2002: Jano van Hemert, UL, Leiden
51. March 5, 2003: Sander Bohte, UL, Leiden
52. March 13, 2003: Dmitry Cheresiz, UL, Leiden
53. August, 2003, Kuala Lumpur
54. January 16, 2004: Martijn Leisink, KUN, Nijmegen
55. March 19, 2004: Saskia Harkema, Nijenrode University, Breukelen
56. April 1, 2004, Viara Popova, EUR, Rotterdam

57. June 3, 2004, Pierluigi Frisco, UL, Leiden
58. September 9, 2004, Avi Epstein, TUD, Delft
59. October 7, 2004, Floortje Alkemade, TUE, Eindhoven
60. October 26, 2004, Frederico Davina, VU, Amsterdam
61. November 22, 2004, Arno Knobbe, UU, Utrecht
62. January 20, 2005: Erika Ábrahám, UL, Leiden
63. February 23, 2005, Christiaan Henkel, UL, Leiden
64. September 14, 2005, Jeroen Eggermont, UL, Leiden
65. October, 2005, Weiguo Sheng, Brunel University, London, United Kingdom
66. January 18, 2006, Vincent Berk, UL, Leiden
67. April 4, 2006, Marcel Kyas, UL, Leiden
68. May 15, 2006, Siegfried Nijssen, UL, Leiden
69. June 1, 2006, Kees Jong, VU, Amsterdam
70. June 19, 2006, Koen Pieter Overmars, UL, Leiden
71. September 26, 2006, Masayo Haneda, UL, Leiden
72. October 18, 2006, Aris Perperoglou, UL, Leiden
73. October 23, 2006, Carsten Riggelsen, UU, Utrecht
74. October 25, 2006, Birna van Riemsdijk, UU, Utrecht
75. October 31, 2006, Paul van der Mark, UL, Leiden
76. December 21, 2006, David Lindsay, University of London, United Kingdom
77. February 15, 2007, Ed Rinia, UL, Leiden
78. March 7, 2007: Claire Wintrebert, UL, Leiden
79. November 27, 2007: Monique Welten, UL, Leiden
80. December 19, 2007: Eveline Hoekx, Universiteit Hasselt
81. April 14, 2008: Carmen Lai, Delft University of Technology
82. May 30, 2008: Martijn van Otterlo, Twente University of Technology
83. December 18, 2007, Joost Broekens, UL, Leiden
84. June 11, 2008, Jeroen Kazius, UL, Leiden
85. June 25, 2008, Ofer Shir, UL, Leiden
86. August 19, 2008, Brian Burford, Royal Holloway, London University, London
87. September 23, Vladimir Zivkovic, UL, Leiden
88. October 1, 2008, Mihai Cristea, UL, Leiden
89. October 2, 2008, Jerome Lemaitre, UL, Leiden
90. October 8, 2008, Ayman Khedr, UL, Leiden
91. October 9, 2008, Xiaofeng Ma, UL, Leiden
92. October 29, 2008, Edgar de Graaf, UL, Leiden
93. November 13, 2008, Joost Jacob, UL, Leiden
94. November 13, 2008, Claudiu Zissulescu, UL, Leiden
95. November 19, 2008, Jeroen de Knijf, UU, Utrecht
96. December 3, 2008, Robert Brijder, UL, Leiden
97. December 18, 2008, Kai Ye, UL, Leiden
98. February 18, 2009, Peter Kinne, UL

99. March 4, 2009, Fabrice Colas, UL, Leiden
100. April 15, 2009, Fanneke Alkemade, UL, Leiden
101. April 16, 2009, Hirsto Nikolov, UL, Leiden
102. April 23, 2009, Albert Bifet, UPC, Barcelona (chair)
103. June 8, 2009, Anand Gavai, Universiteit Wageningen
104. September 8, 2009, Peter Hofgesang, Vrije Universiteit
105. September 21, 2009, Björn Bringmann, Katholieke Universiteit Leuven
106. October 29, 2009, Jan Kwisthout, Utrecht University
107. November 17, 2009, Mounia Belmamoune, UL, Leiden
108. December 2, 2009, Tim Cocx, UL, Leiden
109. December 8, 2009, Andries Stam, UL, Leiden
110. December 15, 2009, Jos Rohling, UL, Leiden
111. December 21, 2009, Nicole Roetmer, UL, Leiden
112. December 21, 2009, Jeroen Laros, UL, Leiden
113. January 19, 2010, Peter van der Putten, UL, Leiden
114. January 28, 2010, Erik Wubbo Lameijer, UL, Leiden
115. February 9, 2010, Matthijs van Leeuwen, Utrecht University
116. March 22, 2010, Gianluigi Folino, Radboud University
117. May 17, 2010, Joaquin Vanschoren, Katholieke Universiteit Leuven
118. November 12, 2010, Marco Domingues, Universiteit Porto
119. September 13, 2010, Rogier van Berlo, Technische Universiteit Delft
120. October 21, 2010, Ariadi Nugroho, UL, Leiden
121. November 3, 2010 Bart Thomee, UL, Leiden
122. November 18, 2010, Jeroen de Bruin, UL, Leiden
123. December 7, 2010, Harmen van der Spek, UL, Leiden
124. December 8, 2010, Sjoerd Meijer, UL, Leiden
125. December 15, 2010, Andreas Gruener, UL, Leiden
126. December 21, 2010, Ron Breukelaar, UL, Leiden
127. December 2, 2010, Maxime Kaplan, UL, Leiden
128. December 20, 2010, Mahdi Jaghoori, UL, Leiden
129. January 19, 2011, Lacramioara Astefani, UL, Leiden
130. June 21, 2011, Christian Krause, UL, Leiden
131. September 14, 2011, Julia Dmitrieva, UL, Leiden
132. October 25, 2011, Young-Joo Moon, UL, Leiden
133. May 11, 2011, Jose Prosenca, UL, Leiden
134. May 11, 2011, Elia Stupka, UL, Leiden
135. September 12, 2011, Aleksander Pur, Jozef Stefan Institute, Ljubljana
136. September 21, 2011, Herman van Haagen, UL, Leiden
137. November 24, 2011, Yanju Zhang, UL, Leiden
138. December 6, 2011, Mohammad Izadi, UL, Leiden
139. December 20, 2011, Stephanie Kemper, UL, Leiden
140. December 20, 2011, Wouter Mensink, UL, Leiden

141. December 20, Jun Wang, 2011, UL, Leiden
142. December 22, Ard Oerlemans, 2011, UL, Leiden

## Program Committees

1. Member of program committee Engineering Aspects of Neural Networks (EANN), Helsinki, Finland, 1995.
2. Member of program committee for the Dutch Artificial Intelligence Conference (NAIC), Utrecht, 1996.
3. Member of program committee Nordic Workshop on Genetic Algorithms (NWGA), Vaasa, Finland, 1996.
4. Member of program committee Nordic Workshop on Genetic Algorithms (NWGA), Vaasa, Finland, 1997.
5. Member of program committee of the Seventh International Conference on Genetic Algorithms (ICGA), Ann Arbor, MI, July 19-23, 1997.
6. Member of program committee of the School on NATural Computation (SNAC), Turku, Finland, August 1997.
7. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Antwerp, November 1997.
8. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Amsterdam, November 1998.
9. Member of program committee and organizing co-chair of the third International Conference on Coordination Models and Languages, Amsterdam, April 1999.
10. Member of program committee for the Congress on Evolutionary Computation (CEC '99), Washington DC, USA, July 6-9, 1999.
11. Program Chair of the Third Symposium on Intelligent Data Analysis (IDA-99), Amsterdam, The Netherlands, August 9-11, 1999.
12. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Maastricht, November 1999.
13. Member of program committee of Tools and Algorithms for the Construction and Analysis of Systems (TACAS'2000), Berlin, Germany, March 2000.
14. Member of program committee of the third International Conference on Coordination Models and Languages, Limassol, Cyprus, September 2000.
15. Member of program committee of the Sixth International Conference on Parallel Problem Solving from Nature (PPSN VI), Paris, France, September 2000.
16. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Tilburg, November 2000.

17. Member of the Scientific Committee of the European School on Intelligent Data Analysis, Palermo, Italy, March 2001.
18. Member of program committee of the Second International Workshop on Agent-Oriented Software Engineering (AOSE-2001), Montreal, Canada, May 2001.
19. Member of program committee of the 5th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD'01), Freiburg, Germany, September 2001.
20. Member of program committee for the Fourth Symposium on Intelligent Data Analysis (IDA-01), Lisbon, Portugal, September 2001.
21. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Amsterdam, November 2001.
22. Member of program committee of the fifth International Conference on Coordination Models and Languages, York, UK, April 2002.
23. Member 5th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD'02), Helsinki, Finland, August 2002.
24. Member of program committee of the First International Workshop on Foundations of Coordination Languages and Software Architectures (Foclasa 2002), Brno, Czech Republic, August 2002.
25. Member of program committee of the Sixth International Conference on Parallel Problem Solving from Nature (PPSN VII), Granada, Spain, September 2002.
26. Member of program committee of the Fifth Symposium on Intelligent Data Analysis (IDA-03), Berlin, Germany, September 2003.
27. Member of program committee of the 7th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD'03), Cavtat, Croatia, 22-26 September 2003.
28. Member of program committee of FOCLASA 2003, 2nd International Workshop on Foundations of Coordination Languages and Software Architectures, September 2, 2003.
29. Member of program committee of the workshop on Graph transformation and Visual Modelling techniques (GT-VMT 04), Barcelona, Spain, March 27- April 4, 2004.
30. Member of program committee of the 8th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD'04), Pisa, Italy, 2004.
31. Member of program committee of FOCLASA 2004, Third International Workshop on Foundations of Coordination Languages and Software Architectures, August 30, 2004.
32. Workshop Chair Second International Workshop on Mining Graphs, Trees and Sequences, Pisa, Italy, September 24, 2004
33. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Groningen, November 2004.
34. Member of program committee for AISTA 2004 International Conference on Advances in Intelligent Systems - Theory and Applications, Luxemburg,, 15-18 november 2004.
35. Member of program committee for ISOla - 1st International Symposium on Leveraging Applications of Formal Methods, Cyprus, 30 October – 2 November 2004.
36. Member of program committee of the Seventh International Conference on Parallel Problem Solving
37. from Nature (PPSN VII), Birmingham, UK, September 2004.

38. Program Chair of the Sixth Symposium on Intelligent Data Analysis (IDA-05), Madrid, Spain, September 2005.
39. Program Vice Chair 2005 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI/IAT 2005), September 2005, Compiègne, France.
40. Member of program committee of the 15th Inductive Logic Programming Conference, August 2005, Bonn.
41. Member of program committee of the 9th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD'05), Porto, Portugal, 2005.
42. Member of program committee of the 22nd International Conference on Machine Learning (ICML 2005) Bonn, Germany, 7-11 August, 2005.
43. Member of program committee of the 9th Congress of the Italian Association for Artificial Intelligence (AI\*IA 2005), Milano, Italy, 2005.
44. Member of program committee of the 1st International Symposium on Computational Life Science, Konstanz, Germany, September 25 - 27, 2005
45. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Groningen, November 2005.
46. Member of program committee for the 4th Workshop on Multi-Relational Data Mining, Chicago, August 2005.
47. Member of program committee for the Third International Workshop on Mining Graphs, Trees and Sequences (MGTS), Porto, Portugal, October 2005
48. Member of program committee for the 5th IEEE International Conference on Data Mining (ICDM 05), New Orleans, Louisiana, USA, 27-30 November 2005.
49. Member of program committee for 2005 IEEE ISoLA Workshop on Leveraging Applications of Formal Methods, Verification, and Validation, Loyola College Graduate Center, Columbia, MD (USA), September 2005.
50. Member of program committee for 2005 IPM International Symposium on Foundations of Software Engineering (FSEN 2005), Tehran, October 2005.
51. Member of program committee for the Data Mining for Business Workshop, Porto, Portugal, October 2005.
52. Member of program committee of the 23rd International Conference on Machine Learning (ICML 2006) Carnegie Mellon University in Pittsburgh, Pennsylvania, 25-29 June, 2006.
53. Member of program committee of the 8th International Conference on Coordination Models and Languages, Bologna, Italy, 13-16 June, 2006.
54. Member of program committee of the 9th International Conference on Parallel Problem Solving from Nature (PPSN IX), Reykjavik, Iceland, 9-13 September, 2006.
55. Member of program committee for second IFIP AI 2006, Conference on Artificial Intelligence Santiago, Chile, 21-24 August, 2006.
56. Member of program committee of the 16th International Symposium on Methodologies for Intelligent Systems (ISMIS 2006), Bari, Italy, 27-29 September, 2006.
57. Member of program committee of the 17th European Conference on Artificial Intelligence (ECAI 2006), Riva del Garda, Italy, 28 August – 1 September, 2006.

58. Member of program committee for the Belgium Dutch Artificial Intelligence Conference (BNAIC), Liege, November 2006.
59. Member of program committee of the 2nd International Symposium on Computational Life Science, Cambridge, Germany, September 27-29, 2006.
60. Member of program committee of the ECML PKDD 2006 Workshop on Practical Data Mining: Applications, Experiences and Challenges, September 22, 2006
61. Program Vice Chair of the 2006 IEEE/WIC/ACM International Conference on Web Intelligence (WI-06), Hong Kong, 18-22 December, 2006.
62. Member of program committee of the 6th IEEE International Conference on Data Mining (ICDM 06), Hong Kong, 18-22 December, 2006.
63. Member Program Committee Belgian-Dutch Benelearn Conference, May 14-15, Amsterdam, 2007
64. Member Program Committee 2nd IPM International Symposium on Fundamentals of Software Engineering (FSEN '07), April 17-19, Teheran, Iran, 2007
65. Member Scientific Committee 2nd International Work-conference on the Interplay between Natural and Artificial Computation (IWINAC'07), June 18-21, La Manga del Mar Menor, Murcia, Spain, 2007.
66. Member Program Committee 7th International Symposium on Intelligent Data Analysis (IDA'07), September 6-8, Ljubljana, Slovenia, 2007
67. Program Chair of the 11th European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD'07) and the European Conference on Machine Learning (ECML'07), September 17-21, Warsaw, Poland, 2007.
68. Member Program Committee 6th Workshop on Multi-Relational Data Mining (MRDM'07), September 17, Warsaw, Poland, 2007
69. Member Program Committee 17th International Symposium on Methodologies for Intelligent Systems (ISMIS '08), May 20-23, Toronto, 2008.
70. Member Program Committee IEEE International Conference on Data Mining (ICDM '07), October 28-31, Omaha, 2007.
71. Member Program Committee The 5th International Workshop on Mining and Learning with Graphs (MLG'07), Firenze, August 1-3, 2007.
72. Member Program Committee European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, September 15-19, Antwerp, 2008
73. Member Program Committee Third Generation Data Mining: Towards Service-oriented Knowledge Discovery, September 15, Antwerp, 2008.
74. Member Program Committee Statistical and Relational Learning in Bioinformatics, September 19, Antwerp, 2008
75. Track Chair, ACM 17th Conference on Information and Knowledge Management, Napa Valley, California, October 26-30, 2008.
76. Member Program Committee 25th International Conference on Machine Learning, July 5-9, Helsinki, 2008
77. Member Program Committee IEEE International Conference on Data Mining, December 15-19, Pisa, 2008

78. Member of program committee for ISoLA – 3rd International Symposium on Leveraging Applications of Formal Methods, Thessaloniki, October, 2008.
79. Member of program committee 3rd International Conference on Fundamentals of Software Engineering, Kish Island, Persian Gulf, Iran, April 15-17, 2009.
80. Member of the senior program committee 15th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, June 28- July 1, 2009.
81. Vice Track Chair, ACM 18th Conference on Information and Knowledge Management, October 27-31, Beijing, China, 2009.
82. Member Program Committee SOKD-09 programme committee, September 7, Bled, Slovenia, 2009
83. Member Program Committee 1st International ISoLA Workshop on Modeling, Analyzing, Discovering Complex Biological Structures (ISoLA BIO 2009). The Potsdam Kongresshotel am Templiner See, June 4-5, 2009
84. Member of the Scientific Committee of IWINAC2009, Santiago de Compostela, Galicia, Spain June 22-26, 2009
85. Member of the Program Committee of the Eighth International Symposium on Intelligent Data Analysis IDA 2009, Lyon (France) 31th of August - 2nd of September 2009
86. Member of the Program Committee of ECML/PKDD 2009 European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Bled, Slovenia, September 7-11, 2009
87. Member of the Program Committee for IFIP AI 2010, Brisbane, September 20 to September 23, 2010
88. Chair of the Third International Workshop on Third Generation Data Mining: Towards Service-Oriented Knowledge Discovery (SoKD-10), Barcelona, Spain, September 24, 2010
89. Member Program Committee Benelearn, May 27-28, Leuven, 2010
90. Member of the senior Program Committee the 9th International Symposium on Intelligent Data Analysis IDA 2010, Tucson, AZ, May 19-21, 2010
91. Member Program Committee SIAM 2010 Data Mining Conference (SDM'2010), Columbus, Ohio, April 29– May 1, 2010
92. Member Program Committee 4th International Symposium On Leveraging Applications of Formal Methods, Verification and Validation, Amiranades, Heraclion, 18-20 October, Crete, 2010
93. Member Program Committee European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Athens, September 5th to 9th, 2011
94. Member Program Committee Benelearn, The Hague, May 20, 2011
95. Member Program Committee Fundamentals of Software Engineering (FSEN 2011), Tehran, April 20-22, 2011
96. Member Program Committee 14th International Conference on Discovery Science, Espoo, Finland, October 5–7, 2011
97. Member Program Committee 4th international work conference on the interplay between natural and artificial computation (IWINAC2011), La Palma, Canary Islands (Spain), May 30 - June 3, 2011

98. Member Program Committee 21st International Conference on Inductive Logic Programming (ILP 2011), Windsor Great Park, United Kingdom, 31st July - 3rd August, 2011
99. Member of the senior Program Committee the 9th International Symposium on Intelligent Data Analysis (IDA 2011), Porto, Portugal, 29-31 Oct, 2011
100. Member Program Committee 1st International Conference on Health Information Science (HIS 2012), Beijing, April 8-10, 2012
101. Area Chair ECML/PKDD 2012 European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Bristol, September 24-28, 2012