

Curriculum vitae Wil van der Aalst

Biographical data	Full name: Willibrordus Martinus Pancratius van der Aalst Born: January 29, 1966, Eersel, The Netherlands Status: Married, three children Residence: Ganzestraat 22a, NL 5527 CB, Hapert, The Netherlands	
Education	1978 - 1984	Rythoviuscollege VWO-ongedeeld
	1984 - 1988	Eindhoven University of Technology M.S. Computer Science <ul style="list-style-type: none">Title thesis: Specification and Simulation using ExSpectSupervisor: prof.dr. K.M. van Hee
	1988 - 1992	Eindhoven University of Technology Ph.D. Mathematics <ul style="list-style-type: none">Title thesis: Timed colored Petri nets and their application to logisticsSupervisors: prof.dr. J. Wessels and prof.dr. K.M. van Hee
Professional experience	1988 - 1992	Eindhoven University of Technology/TNO Research assistant <ul style="list-style-type: none">Contract research for the Dutch TNO institute IPLMember of the TASTE working group
	1992 - 1996	Eindhoven University of Technology Assistant professor <ul style="list-style-type: none">Member of the Information Systems group
	1993 - 1998	Bakkenist Management Consultants IT Consultant (part-time) <ul style="list-style-type: none">Member of the Information Technology groupConsulting in the following areas: simulation, workflow management, and information system architectures.
	1996 - 1999	Eindhoven University of Technology Associate professor <ul style="list-style-type: none">Leader of the SMIS groupMember of the management team of the research institute BETA (responsible for the program Network Management)Coordinator educational serviceCoordinator Information Technology in Logistics (post masters program Logistic Control Systems)
	1998 - 1999	University of Karlsruhe (AIFB), Germany

Visiting professor

- Member of the AIFB (applied computer science) for 4 months (August-December)

1999 - 1999 University of Georgia (LSDIS), USA

Visiting professor

- Member of the LSDIS (computer science) for 5 months (January-May)

1999 - 1999 University of Frankfurt (WI), Germany

Visiting professor

Member of the WI (applied computer science) for 1 month (June)

1999 - 2000 University of Colorado (CTRG), USA

Visiting professor

Member of the CTRG (computer science) for 7 months (August-March)

2002 - 2002 Queensland University of Technology (CITI),
Australia

Visiting professor

Member of the CITI/CIS group for 3 months (June, August, and December)

2000 - 2003 Eindhoven University of Technology
(Department of Mathematics and Computer Science)

Full professor (part-time)

Part-time professor in Information Systems group.

2003 - Queensland University of Technology

Adjunct professor

Visiting professor for 2-3 months per year within the Faculty of Information Technology (FIT), School of Information Systems (IS), and Centre for Information Technology Innovation (CITI).

2000 - Eindhoven University of Technology
(Department of Technology Management)

Full professor

- Chair of the Information Systems (IS) group of the Technology Management Department
- Member of the board of the research institute BETA (responsible for the program Business Information Systems)
- Coordinator Information Technology in Logistics (post masters program Logistic Control Systems)
- Since 2006 only a part-time appointment (one day per week).

2003 - Queensland University of Technology

Adjunct professor

Visiting professor for 2-3 months per year within the Faculty of Information Technology (FIT), School of Information Systems (IS), and Centre for Information Technology Innovation (CITI).

2006 - Eindhoven University of Technology
(Department of Mathematics and Computer Science)

Full professor

- Chair of the Architecture of Information Systems group of the Department of Mathematics and Computer Science
- Member of the board of the research institute BETA (responsible for the program Business Information Systems)
- Director of the Business Information Systems master

Teaching
experience

In the last 10 years, Wil van der Aalst was responsible for the following courses given at Eindhoven University of Technology:

- Systems engineering 1 (2M310), Computer Science
- Systems engineering 2 (2M320), Computer Science
- Process modeling (1BB30), Technology Management
- Business Process Management (1BM05), Technology Management
- Specification of information systems (1B210), Technology Management
- Evaluation of process standards, languages and systems (1BM35), Technology Management
- Workflow Management (1R820), Technology Management
- Simulation (2V150), post masters program Logistic Control Systems
- Workflow management (2V160), post masters program Logistic Control Systems

Wil van der Aalst was also responsible for several courses outside Eindhoven University of Technology including:

- Workflow management, MIT (Open Universiteit / Hogeschool Eindhoven)
- Information Technology in Logistics, TIAS/TLD (University of Tilburg)
- Workflow Management: Models, Techniques, and tools, AIFB (University of Karlsruhe, Germany)
- IT aspects of Workflow Management, AIFB (University of Karlsruhe, Germany)
- Workflow management, CS (University of Colorado, USA)

Research areas

Information systems, business process management, simulation, Petri nets, process models, workflow management systems, verification techniques, process mining, enterprise resource planning systems, computer supported cooperative work, webservices, process redesign, resource allocation, interorganizational business processes.

Publications and
other indicators of
scientific
achievements

See next page

Publications

Books

[1]

M. Dumas, W.M.P. van der Aalst, and A.H.M. ter Hofstede. *Process-Aware Information Systems: Bridging People and Software through Process Technology*. Wiley & Sons, 2005.

[2]

W.M.P. van der Aalst, B. Benatallah, F. Casati, and F. Curbera, editors. *International Conference on Business Process Management (BPM 2005)*, volume 3649 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, 2005.

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W.M.P. van der Aalst and K.M. van Hee. *Workflow Management: Models, Methods and Systems (in Chinese)*. Tsingua University Press, Beijing, China, 2004.

[4]

W.M.P. van der Aalst and K.M. van Hee. *Workflow Management: Models, Methods and Systems (in Dutch, second revised print)*. Academic Service, Schoonhoven, 2004.

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R. Meersman, Z. Tari, W.M.P. van der Aalst, C. Bussler, and A. Gal et al., editors. *On the Move to Meaningful Internet Systems 2004: CoopIS, DOA, and ODBASE: OTM Confederated International Conferences, CoopIS, DOA, and ODBASE 2004 (Part I)*, volume 3290 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, 2004.

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R. Meersman, Z. Tari, W.M.P. van der Aalst, C. Bussler, and A. Gal et al., editors. *On the Move to Meaningful Internet Systems 2004: CoopIS, DOA, and ODBASE: OTM Confederated International Conferences, CoopIS, DOA, and ODBASE 2004 (Part II)*, volume 3291 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, 2004.

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W.M.P. van der Aalst and E. Best, editors. *24th International Conference on Applications and Theory of Petri Nets (ICATPN 2003)*, volume 2679 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, 2003.

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W.M.P. van der Aalst, A.H.M. ter Hofstede, and M. Weske, editors. *International Conference on Business Process Management (BPM 2003)*, volume 2678 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, 2003.

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W.M.P. van der Aalst, J-M. Colom, F. Kordon, G. Kotsis, and D. Moldt. *Petri Net*

Approaches for Modelling and Validation, volume 1 of *LINCOM Studies in Computer Science*. Lincom, München, Germany, 2003.

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W.M.P. van der Aalst and K.M. van Hee. *Workflow Management: Models, Methods, and Systems*. MIT press, Cambridge, MA, 2002.

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W.M.P. van der Aalst, J. Desel, and A. Oberweis, editors. *Business Process Management: Models, Techniques, and Empirical Studies*, volume 1806 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, 2000.

[\[12\]](#)

W.M.P. van der Aalst and K.M. van Hee. *Workflow Management: Modellen, Methoden en Systemen (in Dutch)*. Academic Service, Schoonhoven, 1997.

International refereed journals

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G. Leonardi, S. Panzarasa, S. Quaglini, M. Stefanelli, and W.M.P. van der Aalst. Interacting Agents through a Web-based Health Serviceflow Management System. *Journal of Biomedical Informatics*, 2007.

[\[14\]](#)

W.M.P. van der Aalst, M. Rosemann, and M. Dumas. Deadline-based Escalation in Process-Aware Information Systems. *Decision Support Systems*, 43(2):492-511, 2007.

[\[15\]](#)

H.M.W. Verbeek, W.M.P. van der Aalst, and A.H.M. ter Hofstede. Verifying Workflows with Cancellation Regions and OR-joins: An Approach Based on Relaxed Soundness and Invariants. *Computer Journal*, 2007.

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E. Liu, A. Kumar, and W.M.P. van der Aalst. A Formal Modeling Approach for Supply Chain Event Management. *Decision Support Systems*, 2007.

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W.M.P. van der Aalst and K.B. Lassen. Translating Unstructured Workflow Processes to Readable BPEL: Theory and Implementation. *Information and Software Technology*, 2007.

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W.M.P. van der Aalst. Matching Observed Behavior and Modeled Behavior: An Approach Based on Petri nets and Integer Programming. *Decision Support Systems*,

42(3):1843-1859, 2006.

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W.M.P. van der Aalst, H.A. Reijers, A.J.M.M. Weijters, B.F. van Dongen, A.K. Alves de Medeiros, M. Song, and H.M.W. Verbeek. Business Process Mining: An Industrial Application. *Information Systems*, 2006.

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A. Dreiling, M. Rosemann, W.M.P. van der Aalst, L. Heuser, and K. Schulz. Model-Based Software Configuration: Patterns and Languages. *European Journal of Information Systems*, 15(6):583-600, 2006.

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W.M.P. van der Aalst, B. Benatallah, F. Casati, F. Curbera, and H.M.W. Verbeek. Advances in Business Process Management. *Data and Knowledge Engineering*, 2006.

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L. Maruster, A.J.M.M. Weijters, W.M.P. van der Aalst, and A. van den Bosch. A Rule-Based Approach for Process Discovery: Dealing with Noise and Imbalance in Process Logs. *Data Mining and Knowledge Discovery*, 13(1):67-87, 2006.

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W.M.P. van der Aalst. Exploring the CSCW Spectrum Using Process Mining. *International Journal of Advanced Engineering Informatics*, 2007.

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U. Zdun, C. Hentrich, and W.M.P. van der Aalst. A Survey of Patterns for Service-Oriented Architectures. *International Journal of Internet Protocol Technology*, 1(3):132-143, 2006.

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M.H. Jansen-Vullers, W.M.P. van der Aalst, and M. Rosemann. Mining Configurable Enterprise Information Systems. *Data and Knowledge Engineering*, 56(3):195-244, 2006.

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M. Rosemann and W.M.P. van der Aalst. A Configurable Reference Modelling Language. *Information Systems*, 32(1):1-23, 2006.

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U. Riss, A. Rickayzen, H. Maus, and W.M.P. van der Aalst. Challenges for Business Process and Task Management. *Journal of Universal Knowledge Management*, 0(2):77-100, 2005.

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W.M.P. van der Aalst, H.A. Reijers, and M. Song. Discovering Social Networks from Event Logs. *Computer Supported Cooperative work*, 14(6):549-593, 2005.

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W.M.P. van der Aalst. Business Alignment: Using Process Mining as a Tool for Delta Analysis and Conformance Testing. *Requirements Engineering Journal*, 10(3):198-211, 2005.

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H.A. Reijers and W.M.P. van der Aalst. The Effectiveness of Workflow Management Systems: Predictions and Lessons Learned. *International Journal of Information Management*, 25(5):458-472, 2005.

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S. Dustdar, T. Hoffmann, and W.M.P. van der Aalst. Mining of ad-hoc business processes with TeamLog. *Data and Knowledge Engineering*, 55(2):129-158, 2005.

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W.M.P. van der Aalst and A.H.M. ter Hofstede. YAWL: Yet Another Workflow Language. *Information Systems*, 30(4):245-275, 2005.

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W.M.P. van der Aalst, M. Weske, and D. Grünbauer. Case Handling: A New Paradigm for Business Process Support. *Data and Knowledge Engineering*, 53(2):129-162, 2005.

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W.M.P. van der Aalst and A.K.A. de Medeiros. Process Mining and Security: Detecting Anomalous Process Executions and Checking Process Conformance. *Electronic Notes in Theoretical Computer Science*, 121:3-21, 2005.

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J. Dehnert and W.M.P. van der Aalst. Bridging the Gap Between Business Models and Workflow Specifications. *International Journal of Cooperative Information Systems*, 13(3):289-332, 2004.

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W.M.P. van der Aalst, A.J.M.M. Weijters, and L. Maruster. Workflow Mining: Discovering Process Models from Event Logs. *IEEE Transactions on Knowledge and Data Engineering*, 16(9):1128-1142, 2004.

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H.M.W. Verbeek, W.M.P. van der Aalst, and A. Kumar. XRL/Woflan: Verification and Extensibility of an XML/Petri-net-based Language for Inter-organizational Workflows. *Information Technology and Management Journal*, 5(1-2):65-110, 2004.

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H.A. Reijers, S. Limam, and W.M.P. van der Aalst. Product-based Workflow Design. *Journal of Management Information systems*, 20(1):229-262, 2003.

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H. Reijers, J. Rigter, and W.M.P. van der Aalst. The Case Handling Case. *International Journal of Cooperative Information Systems*, 12(3):365-391, 2003.

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W.M.P. van der Aalst, B.F. van Dongen, J. Herbst, L. Maruster, G. Schimm, and A.J.M.M. Weijters. Workflow Mining: A Survey of Issues and Approaches. *Data and Knowledge Engineering*, 47(2):237-267, 2003.

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A.J.M.M. Weijters and W.M.P. van der Aalst. Rediscovering Workflow Models from Event-Based Data using Little Thumb. *Integrated Computer-Aided Engineering*, 10(2):151-162, 2003.

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W.M.P. van der Aalst, M. Stoffele, and J.W.F. Wamelink. Case Handling in Construction. *Automation in Construction*, 12(3):303-320, 2003.

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W.M.P. van der Aalst, A.H.M. ter Hofstede, B. Kiepuszewski, and A.P. Barros. Workflow Patterns. *Distributed and Parallel Databases*, 14(1):5-51, 2003.

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B. Kiepuszewski, A.H.M. ter Hofstede, and W.M.P. van der Aalst. Fundamentals of Control Flow in Workflows. *Acta Informatica*, 39(3):143-209, 2003.

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W.M.P. van der Aalst. Inheritance of Interorganizational Workflows: How to agree to disagree without losing control? *Information Technology and Management Journal*, 4(4):345-389, 2003.

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W.M.P. van der Aalst. Inheritance of Interorganizational Workflows to Enable Business-to-Business E-commerce. *Electronic Commerce Research*, 2(3):195-231, 2002.

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W.M.P. van der Aalst and A. Kumar. XML Based Schema Definition for Support of Inter-organizational Workflow. *Information Systems Research*, 14(1):23-46, 2003.

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W.M.P. van der Aalst. Don't go with the flow: Web services composition standards exposed. *IEEE Intelligent Systems*, 18(1):72-76, 2003.

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W.M.P. van der Aalst, K.M. van Hee, and R.A. van der Toorn. Compositionality of Projection Inheritance (Erratum). *Science of Computer Programming*, 44(3):343-344, 2002.

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W.M.P. van der Aalst and T. Basten. Inheritance of Workflows: An Approach to Tackling Problems Related to Change. *Theoretical Computer Science*, 270(1-2):125-203, 2002.

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W.M.P. van der Aalst, K.M. van Hee, and R.A. van der Toorn. Component-Based Software Architectures: A Framework Based on Inheritance of Behavior. *Science of Computer Programming*, 42(2-3):129-171, 2002.

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A. Kumar, W.M.P. van der Aalst, and H.M.W. Verbeek. Dynamic Work Distribution in Workflow Management Systems: How to Balance Quality and Performance? *Journal of Management Information Systems*, 18(3):157-193, 2002.

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W.M.P. van der Aalst, P. Barthelmess, C.A. Ellis, and J. Wainer. Proclets: A Framework for Lightweight Interacting Workflow Processes. *International Journal of Cooperative Information Systems*, 10(4):443-482, 2001.

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H.M.W. Verbeek, T. Basten, and W.M.P. van der Aalst. Diagnosing Workflow Processes using Woflan. *The Computer Journal*, 44(4):246-279, 2001.

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W.M.P. van der Aalst and A. Kumar. Team-Enabled Workflow Management Systems. *Data and Knowledge Engineering*, 38(3):335-363, 2001.

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W.M.P. van der Aalst. Exterminating the Dynamic Change Bug: A Concrete Approach to Support Workflow Change. *Information Systems Frontiers*, 3(3):297-317, 2001.

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W.M.P. van der Aalst. How to Handle Dynamic Change and Capture Management Information: An Approach Based on Generic Workflow Models. *International Journal of Computer Systems, Science, and Engineering*, 16(5):295-318, 2001.

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T. Basten and W.M.P. van der Aalst. Inheritance of Behavior. *Journal of Logic and Algebraic Programming*, 47(2):47-145, 2001.

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W.M.P. van der Aalst. Reengineering Knock-out Processes. *Decision Support Systems*, 30(4):451-468, 2001.

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W.M.P. van der Aalst and S. Jablonski. Dealing with Workflow Change: Identification of Issues and Solutions. *International Journal of Computer Systems, Science, and Engineering*, 15(5):267-276, 2000.

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W.M.P. van der Aalst, K.M. van Hee, and H.A. Reijers. Analysis of Discrete-time Stochastic Petri Nets. *Statistica Neerlandica*, 54(2):237-255, 2000.

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W.M.P. van der Aalst. Loosely Coupled Interorganizational Workflows: Modeling and Analyzing Workflows Crossing Organizational Boundaries. *Information and Management*, 37(2):67-75, March 2000.

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W.M.P. van der Aalst and A.H.M. ter Hofstede. Verification of Workflow Task Structures: A Petri-net-based Approach. *Information Systems*, 25(1):43-69, 2000.

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W.M.P. van der Aalst. Process-oriented Architectures for Electronic Commerce and Interorganizational Workflow. *Information Systems*, 24(8):639-671, 2000.

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E. Kindler and W.M.P. van der Aalst. Liveness, Fairness, and Recurrence. *Information Processing Letters*, 70(6):269-274, June 1999.

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A.P. Sheth, W.M.P. van der Aalst, and I.B. Arpinar. Processes Driving the Networked Economy: ProcessPortals, ProcessVortex, and Dynamically Trading Processes. *IEEE Concurrency*, 7(3):18-31, 1999.

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W.M.P. van der Aalst. On the automatic generation of workflow processes based on product structures. *Computers in Industry*, 39:97-111, 1999.

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W.M.P. van der Aalst. Formalization and Verification of Event-driven Process Chains. *Information and Software Technology*, 41(10):639-650, 1999.

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W.M.P. van der Aalst. Woflan: A Petri-net-based Workflow Analyzer. *Systems Analysis - Modelling - Simulation*, 35(3):345-357, 1999.

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W.M.P. van der Aalst. Interorganizational Workflows: An Approach based on Message Sequence Charts and Petri Nets. *Systems Analysis - Modelling - Simulation*, 34(3):335-367, 1999.

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W.M.P. van der Aalst. The Application of Petri Nets to Workflow Management. *The Journal of Circuits, Systems and Computers*, 8(1):21-66, 1998.

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W.M.P. van der Aalst. Petri net based scheduling. *OR Spectrum*, 18:219-229, 1996.

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W.M.P. van der Aalst and K.M. van Hee. Business Process Redesign: A Petri-net-based approach. *Computers in Industry*, 29(1-2):15-26, 1996.

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International refereed proceedings

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P. Barborka, L. Helm, G. Koldorfer, J. Mendling, G. Neumann, E. Verbeek B.F. van Dongen, and W.M.P. van der Aalst. Integration of EPC-related Tools with ProM. In M. Nuettgens, F.J. Rump, and J. Mendling, editors, *Proceedings of Fifth Workshop on Event-Driven Process Chains (WI-EPK 2006)*, pages 105-120, Vienna, December 2006. Gesellschaft fuer Informatik, Bonn.

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A. Rozinat, R.S. Mans, and W.M.P. van der Aalst. Mining CPN Models: Discovering

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F. Gottschalk, W.M.P. van der Aalst, M.H. Jansen-Vullers, and H.M.W. Verbeek. Protos2CPN: Using Colored Petri Nets for Configuring and Testing Business Processes. In K. Jensen, editor, *Proceedings of the Seventh Workshop on the Practical Use of Coloured Petri Nets and CPN Tools (CPN 2006)*, volume 579 of *DAIMI*, pages 137-156, Aarhus, Denmark, October 2006. University of Aarhus.

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C.W. Guenther and W.M.P. van der Aalst. Process Mining in Case Handling Systems. In F. Lehner, H. Nosekabel, and P. Kleinschmidt, editors, *Proceedings of the Multikonferenz Wirtschaftsinformatik 2006 (MKWI '06)*, GITO-Verlag, Berlin, 2006.

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P. Ciancarini, V.J. Jagannathan, M. Klein, and W.M.P. van der Aalst. Working Group Report on Process. In J.R. Callahan, editor, *Proceedings of the Fourth Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE 95)*, pages 8-12, Berkeley Springs, April 1995. IEEE Computer Society Press.

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W.M.P. van der Aalst, P. de Bra, G.J. Houben, and Y. Kornatzky. Browsing Semantics in the Tower Model. Computing Science Notes 93/47, Eindhoven University of Technology, Eindhoven, 1993.

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W.M.P. van der Aalst. Multi-dimensional Petri Nets. Computing Science Notes 93/26, Eindhoven University of Technology, Eindhoven, 1993.

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W.M.P. van der Aalst. The modelling and analysis of queueing systems with QNM-ExSpect. Computing Science Notes 91/33, Eindhoven University of Technology, Eindhoven, 1991.

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W.M.P. van der Aalst. Interval Timed Petri Nets and their analysis. Computing Science Notes 91/09, Eindhoven University of Technology, Eindhoven, 1991.

Contributions to conferences, workshops, journals, etc.

Organization conferences, workshops, special issues, and summer schools:

- Petri Nets in System Engineering (PNSE'97), Hamburg, Germany, September 1997, (Together with J-M. Colom, F. Kordon, G. Kotsis, and D. Moldt)
- Workflow Management: Net-based Concepts, Models, Techniques, and Tools (WFM'98), Lissabon, Portugal, June 1998. (Together with G. De Michelis en C.A. Ellis.)
- Systems Engineering: A Petri-net-based Approach to Modelling, Verification and Implementation, September 1998, Zaragoza, Spain. (Together with C. Girault, R. Valk, et al.)
- Software Architectures for Business Process Management (SABPM'99), Heidelberg, Duitsland, June 1999. (Together with J. Desel and R. Kaschek.)
- Special Issue of the International Journal of Computer Systems, Science, and Engineering on Flexible Workflow Technology Driving the Networked Economy volume 15, number 5, 2000. (with S. Jablonski)
- Bringing Knowledge to Business Processes (AAAI 2000), Stanford, California, March 2000. (Together with D. O'Leary and S. Staab.)
- ECIS 2000 Track, The Software Industry, Wenen, Oostenrijk, July 2000. (Together with W. Koenig and A. Oberweis.)
- 24th International conference on Application and Theory of Petri Nets, Eindhoven, The Netherlands, June 2003. (With E. Best and K. van Hee)
- Business Process Management 2003 (BPM 2003), Eindhoven, The Netherlands, June 2003. (With A. ter Hofstede, M. Weske, and H. Reijers)
- Data & Knowledge Engineering special issue on Business Process Management, 2004. (With M. Weske and E. Verbeek)
- Special issue of Computers in Industry on Process Mining (with T. Weijters), 2004.
- 12th International Conference on Cooperative Information Systems (COOPIS 2004), October 25-29, 2004. (with A. Gal and C. Bussler).
- Business Process Management 2005 (BPM 2005), Nancy, France, 2005. (With B. Benatallah and F. Casati)

Program committees (excluding organization):

- 18th International conference on *Application and Theory of Petri Nets*, Toulouse, France, 1997.
- 19th International conference on *Application and Theory of Petri Nets*, Lisbon, Portugal, 1998.
- International Conference on Supporting Group Work (GROUP'99), November 14 - 17, 1999, Phoenix, Arizona, USA.
- 20th International conference on *Application and Theory of Petri Nets*, Williamsburg, US, 1999.
- Workshop on the Practical Use of High-Level Petri Nets, Tuesday June 27, 2000, Aarhus, Denmark.
- Fifth International Conference on Computer Supported Cooperative Work in Design (CSCWD2000), Hong Kong, 2000.
- 21st International conference on *Application and Theory of Petri Nets*, Aarhus, Denmark, 2000.
- Eighth European Conference on Artificial Intelligence in Medicine (AIME'01), 1-4 July, 2001, Cascais, Portugal.

- 9th International Workshop on Petri Nets and Performance Models (PNPM '01), Aachen, Germany, 2001.
- Sixth International Conference on Computer Supported Cooperative Work in Design (CSCWD2001), London, Ontario, Canada, 2001.
- International Conference on Supporting Group Work (GROUP'01), September 30 October 3, 2001, Boulder, Colorado, USA.
- Workshop on Modelling of Objects, Components, and Agents (MOCA'01), August 27-28, 2001, Aarhus, Denmark.
- 23rd International conference on *Application and Theory of Petri Nets*, Adelaide, Australia, 2002.
- Engineering and Deployment of Cooperative Information Systems (EDCIS 2002), September 2002, Beijing, China.
- Workshop on Modelling of Objects, Components, and Agents (MOCA'02), August, 2002, Aarhus, Denmark.
- Seventh International Conference on Computer Supported Cooperative Work in Design (CSCWD2002), Rio de Janeiro, Brazil, September, 2002.
- Tenth International Conference on Cooperative Information Systems (CoopIS 2002), Irvine, California, October 30 - November 1, 2002.
- 29th EUROMICRO conference, Software Process and Product Improvement, Web Service Engineering, September 3-5, Antalya, Turkey, 2003.
- Eight International Conference on Computer Supported Cooperative Work in Design (CSCWD2003), Xiamen, October, 2003.
- CAiSE'03 Workshop on Ubiquitous Mobile Information and Collaboration Systems (UMICS 2003), Klagenfurt/Velden, Austria, 16 - 17 June, 2003.
- Tenth International Conference on Cooperative Information Systems (COOPIS 2003), November 3-7, 2003, Sicily, Italy.
- ACM Group 2003 Conference, November 9 - 12, 2003, Sanibel Island, Florida, USA.
- Second International Workshop on Security Issues with Petri nets and other Computational Models (WISP2004), June 26, 2004, Bologna, Italy.
- Second International Workshop on Distributed and Mobile Collaboration (DMC 2004), satellite workshop of WETICE 2004, June 14-16, 2004, University of Modena, Bologna, Italy.
- Workshop on Coordination and Petri Nets, June 26, 2004, University of Modena, Bologna, Italy.
- 25th International conference on *Application and Theory of Petri Nets*, Bologna, Italy, 2004.
- Data & Knowledge Engineering special issue on Collaborative Business Process Technologies, 2004.
- Fifth Workshop on Colored Petri nets (CPN'04), October 8-11, 2004, Aarhus, Denmark.
- Ubiquitous Mobile Information and Collaboration Systems (UMICS 2004), workshop at CAiSE 2004, Riga, Latvia, 7 - 8 June, 2004.
- Eight International Conference on Computer Supported Cooperative Work in Design (CSCWD2004), Xiamen, China, May 2004.
- Third Workshop on Modelling of Objects, Components, and Agents (MOCA'04), Aarhus, Denmark, October 11-13, 2004.
- Track on Business Process Management Tools and Technologies in the 2005 IRMA International Conference, San Diego, California, USA May 15-18, 2005.
- Teamware: Supporting scalable virtual teams in multi-organizational settings, workshop at the 2005 International Symposium on Applications and the Internet (SAINT2005), Trento, Italy, January 31 - February 4, 2005.

- The 9th International Conference on CSCW in Design (CSCWD 2005), May 24-26, 2005, Coventry, UK.
- Second International Workshop on Applications of Petri Nets to Coordination, Workflow and Business Process Management, June 20, 2005, Miami, Florida, US.
- 2005 IEEE International Conference on Web Services (ICWS '05), Orlando, Florida, USA.
- DMC 2005 workshop at the 14th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE-2005), June 13 to 15, 2005 at Linköping University, Sweden.
- Third UMICS 2005 workshop at CAiSE 2005 (17th International Conference on Advanced Information Systems Engineering), 13-17 June 2005, in Porto, Portugal.
- Seventh International IEEE Conference on E-Commerce Technology (CEC 2005), July 19-22, 2005, Munich, Germany.
- International Workshop on Web Service Choreography and Orchestration for Business Process Management at BPM 2005, Nancy, France, September 2005.
- International Workshop on Business Process Intelligence (BPI'05) at BPM 2005, Nancy, France, September 2005.
- International Workshop on Grid and Peer-to-Peer based Workflows at QSIC'05, Melbourne, Australia, September 2005.
- First International Workshop on Business Process Design: Past, Present, Future (BPD 2005) at BPM 2005, Nancy, France, September 2005.
- Workshop on Business Process Reference Models at BPM 2005, Nancy, France, September 2005.
- Second Semantic and Dynamic Web Services workshop (SDWP 2005) at the 2005 IEEE International Conference on Web Services (ICWS 2005), Orlando, Florida, USA, July 2005.
- Third International Conference on Service-oriented Computing (ICSOC'05), Amsterdam, The Netherlands, December 2005.
- International Workshop on Business Process Monitoring & Performance Management (BPMPPM 2005), Copenhagen, Denmark, 22-26 August 2005.
- Sixth Workshop on Practical Use of Coloured Petri Nets and the CPN Tools (CPN'05), Aarhus, Denmark, October 24-26, 2005.
- International Workshop on Modeling Inter-Organizational Systems (MIOS'05), Agia Napa, Cyprus, October 31st-November 1st, 2005.
- First IFIP WG 2.12 & WG 12.4 International Workshop on Web Semantics (SWWS'05) at OnTheMove - OTM 2005 Federated Conferences and Workshops, Agia Napa, Cyprus, 4 Nov 2005.
- Fifteenth Annual Workshop on Information Technologies and Systems (WITS'05), Las Vegas, Nevada, USA, December 10–11, 2005.
- Ninth Conference on Reference Modeling (Reference Modeling 2006), Passau, Germany, 20-22 February, 2006.
- IEEE International Conference on Services Computing (SCC 2006), Chicago, USA, September 18-22, 2006.
- Workshop on Dependability in Large-Scale Service-Oriented Systems (DILSOS 2006) at the ARES 2006 conference (International Conference on Availability, Reliability and Security), Vienna, Austria, April 20-22, 2006.
- International Workshop on Exploring Modeling Methods in Systems Analysis and Design (EMMSAD'06), in conjunction with CAiSE2006, Luxembourg, June 5-6, 2006.
- First IEEE Workshop on Flexibility in Process-aware Information Systems (ProFlex 2006), in conjunction with the WETICE 2006 in Manchester (UK), June 26-28 2006.
- Fourth International Workshop on Ubiquitous Mobile Information and Communication Systems (UMICS 2006) at CAiSE 2006, Luxembourg, June 5-6, 2006.

- Third International Workshop on Modeling Inter-Organizational Systems (MIOS'06) at OTM 2006, 29 Oct - 3 Nov, Montpellier, France, 2006.
- Third International Workshop on Web Services and Formal Methods (WS-FM 2006), September 8-9, 2006, Vienna, Austria.
- Fourth International Conference on Business Process Management (BPM 2006), September 5-7, 2006, Vienna, Austria.
- Workshop on Conceptual Modeling of Service-Oriented Software Systems (CoSS2006), at the 25th International Conference on Conceptual Modeling (ER2006), Tucson, AZ, November 2006.
- International Workshop on Business Process Intelligence (BPI'06) at BPM 2006, Vienna, Austria, September 2006.
- International Workshop on Dynamic Process Management (DPM'06) at BPM 2006, Vienna, Austria, September 2006.
- Workshop on Teaching Concurrency (TeaConc'2006) Satellite event of ATPN'2006 - 27th Int. Conf. on Applications and Theory of Petri nets and Other Models of Concurrency, and ACSD'2006 - 6th Int. Conf. on Application of Concurrency to System Design, Turku, Finland, June 27, 2006.
- Doctoral Consortium of ACSD'06 and PetriNets'06, Turku, Finland, June 27, 2006.
- Seventh Workshop on Practical Use of Coloured Petri Nets and the CPN Tools (CPN'06), Aarhus, Denmark, October 23-25, 2006.
- Second IFIP WG 2.12 & WG 12.4 International Workshop on Web Semantics (SWWS'06) at OTM 2006. October 29 - Nov 3, 2006, Montpellier, France.
- First International Workshop on Business Intelligence for the Real Time Enterprise (BIRTE) at VLDB 2006. September 12-15, 2006, Seoul, Korea.
- Second Workshop on Business Processes Design (BPD'06) at BPM 2006. September 4, 2006, Vienna, Austria.
- Fourth International Workshop on Modelling of Objects, Components, and Agents (MOCA'06), Turku, Finland, June 26, 2006.
- 14th International Conference on Cooperative Information Systems (CoopIS 2006). Montpellier, France, November 1 - Nov 3, 2006.
- Fourth International ACM Conference on Service-oriented Computing (ICSOC06), Chicago, USA, December, 2006.
- Sixteenth Annual Workshop on Information Technologies and Systems (WITS'06). Milwaukee, Wisconsin, USA, December 9-10, 2006.
- Second Workshop on Teaching Concurrency (TeaConc'2007), Satellite workshop of the 28th Int. Conf. on Applications and Theory of Petri nets and Other Models of Concurrency, 25 June 2007, Siedlce, Poland.
- International Workshop on Petri Nets and Software Engineering (PNSE'07), Satellite workshop of the 28th Int. Conf. on Applications and Theory of Petri nets and Other Models of Concurrency, 25-26 June 2007, Siedlce, Poland.
- International Workshop on Formal Approaches to Business Processes and Web Services, Satellite workshop of the 28th Int. Conf. on Applications and Theory of Petri nets and Other Models of Concurrency, 26 June 2007, Siedlce, Poland.
- Fifth International Conference on Business Process Management (BPM 2007), Brisbane, Australia, 25-27 September 2007.
- Twelfth International Workshop on Exploring Modeling Methods in Systems Analysis and Design (EMMSAD'07), Trondheim, Norway, 11 - 12 June, 2007.
- Nineteenth International Conference on Advanced Information Systems Engineering (CAiSE'07), Trondheim, Norway, 11-15 June 2007.

- Eleventh International Conference on Computer Supported Collaborative Work in Design (CSCWD2007), Melbourne, Australia, April 26-28, 2007.
- Second International Workshop on Workflow Management and Application in Grid Environments (WAGE06), Urumchi, Xinjiang, China, August 16-18, 2007.
- International Workshop on Process-oriented Information Systems in Healthcare (ProHealth'07) held in conjunction with the 5th International Conference on Business Process Management, Brisbane, Australia, 24 September 2007.

Regular reviewer for international journals:

- Computers in Industry
- Information Systems
- Information Processing Letters
- International Journal on Software Tools for Technology Transfer
- ACM Transactions on Software Engineering and Methodology
- ACM Transactions on Information Systems
- International Journal of Computer Systems Science and Engineering
- IEEE Internet Computing
- IEEE Knowledge and Data Engineering
- Information and Software Technology
- Computer Journal
- European Journal of Operations Research
- Distributed and Parallel Databases
- Data and Knowledge Engineering
- Acta Informatica
- ETRI Journal
- Behaviour and Information Technology
- International Journal of Advanced Engineering Informatics
- Real-Time Systems
- Information Systems Frontiers
- Computational Management Science
- Journal of Computer Science and Technology
- Journal of Reliability Engineering and System Safety
- Information Technology and Management
- International Journal of Electronic Commerce
- Theoretical Computer Science A
- Journal of Systems and Software
- Science of Computer programming
- International Journal of Approximate Reasoning

PhD thesis committees

- Durk-Jouke van der Zee, Twente University, 17-1-1997.
- Twan Basten, Eindhoven University of Technology, 3-12-1998.

- Teade Punter, Eindhoven University of Technology, 8-3-2001.
- Daniel Cvrcek, Military Academy in Brno, 1-6-2001.
- Ton Dolan, Eindhoven University of Technology, 1-6-2001.
- Mark Ebben, Twente University, 8-6-2001.
- Maarten Sierhuis, University of Amsterdam, 28-9-2001.
- Katalin Balla, Eindhoven University of Technology, 23-10-2001.
- Andries van Dijk, Eindhoven University of Technology, 19-11-2001.
- Hajo Reijers, Eindhoven University of Technology, 23-8-2002. (2nd promotor)
- Lisa M. Wells, University of Aarhus, 28-8-2002.
- Bo Lindstrøm, University of Aarhus, 29-8-2002.
- Rik Eshuis, Twente University, 25-10-2002.
- Sanne Smits, Eindhoven University of Technology, 21-5-2003. (2nd promotor)
- Juliane Dehnert, Technical University Berlin, 22-8-2003. (2nd promotor)
- Laura Maruster, Eindhoven University of Technology, 27-8-2003.
- Robert van der Toorn, Eindhoven University of Technology, 15-1-2004. (2nd promotor)
- Bart-Jan Hommes, Delft University, 26-1-2004.
- Eric Verbeek, Eindhoven University of Technology, 10-6-2004. (1st promotor)
- Floortje Alkemade, Eindhoven University of Technology, 7-10-2004.
- Ilian Ilkov, Delft University, 2-11-2004.
- Minseok Song, Pohang University of Science & Technology, 19-12-2005. (2nd promotor)
- Remco Dijkman, Twente University, 3-2-2006.
- Moe Wynn, Queensland University of Technology, Queensland University of Technology, (Associate supervisor)
- Ana Karla Alves de Medeiros, Eindhoven University of Technology, 7-11-2006. (1st promotor)

Other

- fellow of research school BETA
- member of BETA Executive board
- chair of department of Information and Technology, Eindhoven University of Technology
- fellow director of AIS Special Interest Group on Process Automation and Management (SIGPAM), Association of Information Systems
- member of the editorial board of the Business Process Management Journal
- associate editor of the International Journal of Business Process Integration and Management
- associate editor of the International Journal on Enterprise Modelling and Information Systems Architectures
- associate editor of Computers in Industry (Business process management/workflow management)
- associate editor of Transactions on Petri Nets and Other Models of Concurrency (ToPNoC)
- member of the steering committee of the International Conference Series on Application and Theory of Petri nets
- member of the steering committee of the International Workshop Series on Web Services and Formal Methods
- chair of the steering committee of the International Conference Series on Business Process Management