Curriculum Vitae

Personal Information

FAMILY NAME, FIRST NAMES	van der Aalst, Willibrordus Martinus Pancratius (Wil)
ACADEMIC TITLES	Univ. Prof. Prof. h. c. Dr. Dr. h. c. Ir.
NATIONALITY	Dutch
DATE OF BIRTH	29 January 1966 (Eersel, The Netherlands)
E-MAIL	wvdaalst@pads.rwth-aachen.de
WWW	www.vdaalst.com
ADDRESS	Lehrstuhl für Informatik 9 / Process and Data Science
	Ahornstr. 55, Gebäude E2, Raum 6321
	RWTH Aachen University, D-52074 Aachen, Germany

EDUCATION

Sept 1988 - Sept 1992
Ph.D. in Mathematics
Eindhoven University of Technology, Eindhoven, The Netherlands
Thesis: "Timed Colored Petri Nets and Their Application to Logistics"
Advisors: prof.dr. J. Wessels and prof.dr. K.M. van Hee

Sept 1984 - Aug 1988
Bachelor and Master in Computer Science
Eindhoven University of Technology, Eindhoven, The Netherlands
Master thesis: "Specification and Simulation using ExSpect"

CURRENT POSITIONS

since 2018
Professor RWTH Aachen University
RWTH Aachen University, Aachen, Germany
- Chair of the Process and Data Science group (Lehrstuhl für Informatik 9)
- Alexander von Humboldt Professorship
- Principal Investigator and Deputy CEO of the Cluster of Excellence Internet of Production (IoP)
- Vice-Chair of the Steering Committee of the RWTH Profile Area Information & Communication Technology (ICT)
- Board of Directors of the RWTH Artifical Intelligence Center
- Board of Directors of the Center for Simulation and Data Science (JARA CSD)

since 2018
Head of PM Department Fraunhofer FIT
Leading the process mining group at the Fraunhofer Institute for Applied Information Technology (FIT), Sankt Augustin, Germany

since 2015
Member of the Board of Governors Tilburg University
Supervision of the executive board and chair of the committee responsible for research and teaching of Tilburg University, Tilburg, The Netherlands

OTHER ONGOING (UNPAID) PROFESSIONAL ACTIVITIES (EXCLUDING FELLOWSHIPS)

since 2002	**Adjunct Professor QUT** Queensland University of Technology (QUT), Brisbane, Australia
since 2009	**Chair of the IEEE Task Force on Process Mining** Leading the task force and member of the IEEE CIS Technical Committee
since 2011	**Member of the Advisory Board of Fluxicon** Fluxicon, Eindhoven, The Netherlands
since 2016	**Chief Scientific Advisor of Celonis** Celonis, München, Germany
since 2016	**Chief Scientific Advisor to Process Mining** UiPath, New York, USA
since 2016	**FBK Affiliated Fellow** Fondazione Bruno Kessler, Trento, Italy
since 2017	**Member of the Council for Physics and Technical Sciences of the Royal Netherlands Academy of Arts and Sciences** KNAW, Amsterdam, The Netherlands
ongoing	**Membership of Various Steering Committees**

- Member of the steering committee of the International Conference Series on Application and Theory of Petri nets (since 2003)
- Member of the steering committee of the International Conference Series on Business Process Management (since 2003, chair from 2003-2017)

ongoing	**Membership of Various Editorial Boards**

- Vice editor-in-chief of Business & Information Systems Engineering (since 2015)
- Series Editor of Lecture Notes in Business Information Processing (since 2006)
- Associate editor of Transactions on Petri Nets and Other Models of Concurrency (since 2008)
- Field editor/associate editor of Computing (since 2012)
- Member of the advisory board of Distributed and Parallel Databases (since 2017)
- Associate editor of Computers in Industry (since 2000)
- Associate editor of SN Computer Science (since 2019)
- Member of the senior editorial board of the Annals of Computer Science and Information Systems (ACSIS) (since 2015)
- Associate editor of the International Journal of Business Process Integration and Management (since 2006)
- Senior editor of the International Journal on Enterprise Modelling and Information Systems Architectures (since 2005)
- Member of the editorial board of Computer Supported Cooperative Work (since 2009)
- Member of the editorial board of Software and Systems Modeling (since 2012)

PREVIOUS POSITIONS

2006 -2018	**Distinguished University Professor TU/e** Chair of the Architecture of Information Systems (AIS) group of the Department of Mathematics and Computer Science of Eindhoven University of Technology (TU/e), Netherlands
2013 -2018	**Scientific Director DSC/e** Scientific director and co-founder of the Data Science Center Eindhoven (DSC/e)
2012 - 2015	**Academic supervisor PAIS Lab and Professor HSE** Scientific Director and co-founder of the International Laboratory of Process-Aware Information Systems (PAIS Lab), National Research University, Higher School of Economics, Moscow
2000 -2010	**Full Professor TU/e** Chair of the Information Systems (IS) group of Eindhoven University of Technology, Netherlands (from 2000-2006). Professor in the Department of Mathematics and Computer Science and the Technology Management Department. Director of the Business Information Systems master.
1999 -2010	**Visiting Professor University of Colorado** Working with prof. Skip Ellis, University of Colorado, Boulder, USA (12 months)
1998 -1999	**Visiting Professor University of Georgia** Working with prof. Amit Sheth, University of Georgia Athens, USA (6 months)
1998 -1999	**Visiting Professor AIFB Karlsruhe** Working with prof. Jörg Desel, University of Karlsruhe, Germany (6 months)
1992 -1999	**Assistant / Associate Professor TU/e** Chair of the Specification and Modeling of Information Systems group at the Department of Mathematics and Computer Science of Eindhoven University of Technology (TU/e), Netherlands. Member of the management team of the research institute BETA.
1998 -1999	**Research assistant TNO and TU/e** Working for the TNO institute IPL while doing a PhD at Eindhoven University of Technology (TU/e), Netherlands. Member of the TASTE working group
- 2018	**Membership of Various Editorial Boards** • Associate editor of the IEEE Transactions on Systems, Man, and Cybernetics, Part A: Systems and Humans (IEEE-SMC-A) (2011-2013) • Member of the editorial board of Distributed and Parallel Databases (2008-2018) • Associate editor of IEEE Transactions on Services Computing (2008-2016) • Associate editor of IEEE Transactions on Automation Science and Engineering (2008-2010) • Associate editor of IEEE Transactions on Industrial Informatics (2009-2013)

PUBLICATION RECORD

H-INDEX	**155** (Google Scholar, ranked 14th worldwide, see http://www.guide2research.com/scientists/)
CITATIONS	**> 110.000** (Google Scholar)
BOOKS	**22** (10 authored books and 12 edited books)
REVIEWED JOURNAL PAPERS	**> 245** (237 indexed by DBLP)
REVIEWED CONFERENCE/WORKSHOP PAPERS	**> 550** (482 indexed by DBLP)
BOOK CHAPTERS	**> 80** (22 indexed by DBLP)
OTHER PUBLICATIONS (EDITORIALS, REPORTS, ETC.)	**> 200**

FELLOWSHIPS AND AWARDS

2021	**IEEE Fellow** Institute of Electrical and Electronics Engineers (IEEE)
2020	**ACM Fellow** Association for Computing Machinery (ACM)
2020	**IFIP Fellow** International Federation for Information Processing (IFIP)
2020	Elected member of the **North Rhine-Westphalian Academy of Sciences, Humanities and the Arts,** Germany
2018	**Alexander-von-Humboldt Professor Award** (five million euro), Germany
2013	**Distinguished University Professor of TU/e** (Only five professors had this special position at Eindhoven University of Technology)
2008	Elected member of the **Royal Holland Society of Sciences and Humanities** (Koninklijke Hollandsche Maatschappij der Wetenschappen), NL
2014	Elected member of **the Royal Netherlands Academy of Arts and Sciences** (Koninklijke Nederlandse Akademie van Wetenschappen), NL
2011	Elected member of **Academia Europaea** (The Academy of Europe)
2013	Honorary guest professor at Tsinghua University, Beijing, China
2012	**Honorary doctorate** from **Hasselt University**, Hasselt, Belgium
2015	**Honorary professorship** from **Higher School of Economics**, Moscow, Russia
2000 - 2019	**Over 20 best paper and most influential paper awards** (BPM, SoSym, ATPN, ICPM, BIS, etc.)

TEACHING ACTIVITIES

1992 -	**Master courses:** Introduction to Data Science, Advanced Process Mining, Business Process Management Systems, Workflow Management, and Simulation **Bachelor courses:** Business Process Intelligence, Introduction to Process Mining, Perspectives on Data Science, Business Information Systems, Systems Engineering, Process Modeling, Business Process Management, and Specification of Information Systems **Online courses:** Process Mining: Data science in Action, Coursera Massive Open Online Course (>125.000 registered participants) **Course and curriculum development:** All of the above courses were developed from scratch and taught for several years. Leadership roles (e.g., scientific director) in computer science, data science, and business information systems programs at the bachelor and master level