

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	German/Dutch
DATE OF BIRTH	29 January 1966 (Eersel, The Netherlands)
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GOOGLE SCHOLAR	aSZYyxIAAAA https://scholar.google.com/citations?user=aSZYyxIAAAA

EDUCATION

Sept 1988	Ph.D. in Mathematics
- Sept 1992	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	Bachelor and Master in Computer Science
- Aug 1988	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 - Co-speaker and Principal Investigator of the DFG Cluster of Excellence - Internet of Production (IoP) - Chair of the Steering Committee of the RWTH Profile Area ICT - Founding Director of the RWTH Artificial Intelligence Center
since 2021	Chief Scientist at Celonis Guiding R&D activities, product strategy, and academic alliance, München, Germany
since 2018	Lead Scientist at Fraunhofer FIT Guiding process mining research at Fraunhofer FIT, Sankt Augustin, Germany

OTHER ONGOING (UNPAID) PROFESSIONAL ACTIVITIES

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| since 2002 | Adjunct Professor QUT
Queensland University of Technology (QUT), Brisbane, Australia |
| since 2023 | Member of the LOEWE Advisory Board
Hessian Ministry of Higher Education, Research and the Arts, Wiesbaden, Germany |
| since 2022 | Member of the Scientific Advisory Board of Climatiq
Climatiq Technologies GmbH, Berlin, Germany |
| since 2024 | Honorary Director of the “Wil van der Aalst Data and Process Science Research Center” at POSTECH, Pohang, South Korea |
| since 2026 | Honorary Director of the “Van der Aalst Energy Process Intelligence Laboratory” at North China Electric Power University, Beijing, China. |
| ongoing | Membership of Various Steering Committees <ul style="list-style-type: none"> • Member of the steering committee of the International Conference Series on Application and Theory of Petri nets (since 2003) • Advisory board member of the International Conference Series on Business Process Management |
| ongoing | Membership of Various Editorial Boards <ul style="list-style-type: none"> • 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) • Member of the advisory board of Distributed and Parallel Databases (since 2017) • Associate editor of Computers in Industry (since 2000) • 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 (advisory) board of Computer Supported Cooperative Work (since 2009) • Member of the editorial board of Software and Systems Modeling (since 2012) • Action Editor Data Mining and Knowledge Discovery (since 2023) • Member of the editorial board of Process Science - Business Process Management and Process Mining (since 2024) |

PREVIOUS POSITIONS

- 2015-2023 **Member of the Board of Governors Tilburg University**
Supervision of the executive board and chair of the committee responsible for research and teaching at Tilburg University, Tilburg, The Netherlands
- 2009-2023 **Steering committee of the IEEE Task Force on Process Mining**
(founder in 2009, chair 2009-2021, member 2009-2023)
- 2003-2022 **Steering committee of the International Conference Series on Business Process Management** (founder in 2003, chair 2003-2017, member 2003-2022)
- 2011-2021 **Member of the Advisory Board of Fluxicon**
Fluxicon, Eindhoven, The Netherlands
- 2016-2021 **Chief Scientific Advisor of Celonis**
Celonis, München, Germany
- 2016-2021 **Chief Scientific Advisor of ProcessGold/UiPath**
ProcessGold/UiPath, Eindhoven, NL/New York, USA
- 2016-2021 **FBK Affiliated Fellow**
Fondazione Bruno Kessler, Trento, Italy
- 2017-2021 **Member of the Council for Physics and Technical Sciences of the Royal Netherlands Academy of Arts and Sciences**
KNAW, Amsterdam, The Netherlands
- 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, Russia
- 2018-2024 **Part-time Full Professor TU/e**
Eindhoven University of Technology, Eindhoven, The Netherlands
- 2000-2018 **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 (2000-2018).
Director of the Business Information Systems master (2000-2013).
Co-founder and scientific director of the Data Science Center Eindhoven (DSC/e) (2013-2018).
- 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
- 2008-2021 **Membership of Various Editorial Boards**
- Vice editor-in-chief of Business & Information Systems Engineering (2015-2025)
 - Associate Editor "SN Computer Science" (2019-2023)
 - Field editor/associate editor of Computing (2012-2022)
 - 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	191 (Google Scholar, Ranked 1 st in Germany and 10 th worldwide in Computer Science according to Research.com)
CITATIONS	> 178.000 (Google Scholar)
H-INDEX SINCE 2021	99
BOOKS	> 35 (10 authored books and >25 edited books)
REVIEWED JOURNAL PAPERS	> 350 (322 indexed by DBLP)
REVIEWED CONFERENCE/WORKSHOP PAPERS	> 750 (698 indexed by DBLP)
BOOK CHAPTERS	> 94 (28 indexed by DBLP)
OTHER PUBLICATIONS (EDITORIALS, REPORTS, ETC.)	> 375

FELLOWSHIPS AND AWARDS

2026	Honorary professorship (Prof. h.c.) from the North China Electric Power University (NCEPU) , Beijing, China
2025	Highest-ranked computer scientist in Germany, and 10 th highest-ranked computer scientist in the world (Research.com 2026 ranking)
2022	Elected member of acatech (German National Academy of Science and Engineering), Germany
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 - now	Over 45 best paper and most influential paper awards (BPM, SoSym, ATPN, ICPM, BIS, etc.)

TEACHING ACTIVITIES

1992 - now **Master courses:** Introduction to Data Science, Advanced Process Mining, Business Process Management Systems, Workflow Management, and Simulation
Bachelor courses: Elements of Machine Learning and Data Science, 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: Four open online process mining courses, e.g., **Process Mining: Data science in Action** (Coursera with > 170.000 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