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)
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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 • Co-speaker and Principal Investigator of the DFG Cluster of Excellence - Internet of Production (IoP) • Vice-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

since 2002	**Adjunct Professor QUT**
	Queensland University of Technology (QUT), Brisbane, Australia

since 2018	**Part-time Full Professor TU/e**
	Eindhoven University of Technology, Eindhoven, The Netherlands

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

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)

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)
- 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)

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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

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**

- 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	**178** (Google Scholar, Ranked 1st in Germany and 10th worldwide in Computer Science according to Research.com)
CITATIONS	**> 145.000** (Google Scholar)
H-INDEX SINCE 2019	92
BOOKS	**> 35** (10 authored books and >25 edited books)
REVIEWED JOURNAL PAPERS	**> 290** (285 indexed by DBLP)
REVIEWED CONFERENCE/WORKSHOP PAPERS	**> 680** (611 indexed by DBLP)
BOOK CHAPTERS	**> 90** (28 indexed by DBLP)
OTHER PUBLICATIONS (EDITORIALS, REPORTS, ETC.)	**> 350**

FELLOWSHIPS AND AWARDS

2023	Highest ranked computer scientist in Germany, and 10th highest-ranked computer scientist in the world (Research.com 2023 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 35 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 > 165.000 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