

PERSONAL INFORMATION

Nationality: German

Date of birth: 13.04.1963, Mechernich

Affiliation address Ruhr University Bochum, Chair of Physical Chemistry II

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EDUCATION

1997 Habilitation for Experimental Physics, Friedrich-Wilhelms University of Bonn

1990 PhD (Dr. rer. nat.), Friedrich-Wilhelms University of Bonn

1987 Diplom in Physics, Friedrich-Wilhelms University of Bonn

1983 Vordiplom in Mathematics and Physics, Friedrich-Wilhelms University of Bonn

CURRENT AND PREVIOUS POSITIONS

Since 2017 Inter-institutional University Alliance Ruhr (UA Ruhr) Professor, Germany

Since 1998 Chair of Physical Chemistry II, Ruhr University Bochum, Germany

1990–1998 Research Associate, Friedrich-Wilhelms University of Bonn, Germany

1989–1991 Visiting Researcher, Radboud University Nijmegen, Netherlands

1987 Research Fellow Dept of Mechanical Engineering, Ohio State University, USA

1987–1988 Research Fellow Dept of Physical Chemistry, UC Berkeley, USA

FELLOWSHIPS AND AWARDS

2024 Councillor of IUPAB (International Union for Pure and Applied Biophysics)

2023 Lecturer on the Ninth Nevada Distinguished Physical Chemistry Lectures at the University of Nevada, Reno, USA

2023 First Business Award Ruhr

2023 Badge of honor from the city of Bochum (Ehrenplakette der Stadt Bochum)

2023 Austrian Cross of Honor for Science and Art (Österreichisches Ehrenkreuz für Wissenschaft und Kunst)

2021 Scout in Henriette Herz Scouting Program of Alexander von Humboldt Foundation

2020 Fellow of the Optical Society (OSA)

2017 Member of the Academia Europea

2017 Universitätsallianz Ruhr Professorship

2016 Conseils Solvay Lecturer on the occasion of the 24th Solvay Conference on Chemistry - Catalysis in Chemistry and Biology, Brussels, Belgium

2016 Sophie La Roche-Award 2016 of the Deutsche Akademikerinnen Bund

2016 Advanced Grant of the European Research Council (ERC)

2015	Fellow of the Royal Society of Chemistry
2014	Visiting Miller Professorship UC Berkeley connected with the Gabor A. and Judith K. Somorjai Award
2013	Visiting Fellow Yale University, USA
2009	Visiting Fellow University of Illinois at Urbana-Champaign, USA
2008	Rubitec Innovation Prize, Ruhr University Bochum
2007	Member of the German National Academy of Sciences, Leopoldina, Germany
2006	Visiting Fellow University of Illinois at Urbana-Champaign, USA
2004	Human Frontiers Science Program Award
2003	Visiting Fellow of Exeter College, University of Oxford, England
2002	Member of the Academy of Science and Arts of North Rhine-Westphalia
1998	Heisenberg grant of the Deutsche Forschungsgemeinschaft
1995–1998	Habilitation grant of the Deutsche Forschungsgemeinschaft
1995	Bennigsen-Foerder Prize of the State North Rhine Westphalia
1988–1990	Grant of the "Studienstiftung des Deutschen Volkes"
1987–1988	Oversea grant of the "Studienstiftung des Deutschen Volkes"

ORGANISATION OF SCIENTIFIC MEETINGS

Since 2020	Member of the Program Committee of the Optical Terahertz Science and Technology Conference Series
01–03.10.2019	Solvation Science meets High Pressure, Dortmund (100 participants)
14–16.05.2015	Annual meeting of the Bunsen Society, "Solvation Science", Ruhr University Bochum (450 participants)
27–30.10.2014	Heraeus Symposium "Exploring Solvation Science", Bad Honnef, (80 part.)
04–05.06.2013	Opening Symposium Cluster of Excellence RESOLV, Bochum (250 participants)
25–29.07.2011	Telluride Science Research Center Workshop, Telluride, USA (30 participants)
25–27.05.2010	Leopoldina Symposium, Ruhr University Bochum (100 participants)
01–05.04.2007	Heraeus Symposium "THz Technology", Bad Honnef (100 participants)
2000–2009	Member of the Organisation Committee of High-Resolution Molecular Spectroscopy Conference
1999–2001	German-American Frontiers of Science (Alexander von Humboldt-Stiftung/ National Academy of Sciences)

INSTITUTIONAL RESPONSIBILITIES

Since 2022	Director of the University Alliance Ruhr (UA Ruhr) "Research Center Chemical Sciences and Sustainability"
Since 2017	Member of the Senate of the Ruhr University Bochum
2016–2019	Spokesperson of the Women Professor Forum at the Ruhr University Bochum

Since 2012	Initiator and Spokesperson of the Cluster of Excellence "Ruhr Explores Solvation (RESOLV)" funded by the German Science Foundation (2012-2018: EUR 28 million, 2019-2025: EUR 42 million)
Since 2011	Initiator and Director of the research building Center for Molecular Spectroscopy and Simulation of Solvent Driven Processes (ZEMOS) funded by the German Research Council (Construction period: 2012-2016, EUR 44 million)
2005–2007	Vice-Dean Faculty of Chemistry and Biochemistry, Ruhr University Bochum
2003–2005	Dean Faculty of Chemistry and Biochemistry, Ruhr University Bochum
2003	Exhibition in a shopping mall "Trilogie Chemie, Teil 2: Der Stoff – Materie und Chemie" as part of the year of Chemistry (25.000 visitors)
2002–2003	Vice-Dean Faculty of Chemistry and Biochemistry, Ruhr University Bochum
Since 2002	Representative of the Bunsen Society at the Ruhr University Bochum

COMMISSIONS OF TRUST

2025–2027	Member of the Journal of Physical Chemistry A/B/C Editorial Advisory Board
Since 2023	Chair of the Alexander von Humboldt Foundation Selection Committee for the Award of Research Prizes
2022–2023	Vice-chair of the Alexander von Humboldt Foundation Selection Committee for the Award of Research Prizes
Since 2022	Member of the International Evaluation Panel for the Advanced Grants Call of the Swiss National Science Foundation (SNSF)
2022	Member of the International Evaluation Panel of the Institute of Physics, University of Freiburg
2021	Member of the International Evaluation Panel of the Department of Photonics Engineering, Technical University of Denmark (DTU)
2019	Co-organizer of the Ruhr-Conference "Turning an idea to a product - How does the transfer from research in start-ups succeed?" with Prof. Andreas Pinkwart, Minister of Economy, Innovation, Digitalization and Energy of the State NRW
Since 2018	Board member of the IRMMW-THz Society and the International Organizing Committee (IOC)
Since 2018	Member of the Alexander von Humboldt Foundation Selection Committee for the Award of Research Prizes
2017–2020	Member of the Kassel University Council
2014–2017	Associate Editor "Physical Chemistry Chemical Physics"
2011–2013	Editorial Board "The Journal of Chemical Physics"
2011–2013	Editorial Board "Molecular Physics"
2011–2021	Member of the Austrian Research Council
2011–2013	Member of the Evaluation Commission for universities in the state "Sachsen-Anhalt" of the German Research Council
2009–2014	Member of German Science Foundation Senate Board on Research Training Groups

2009–2012	Secretary of the Class of Science in Academy of Science and Arts of NRW
2009–2012	Member of the Board of the German Physical Society Responsible Board Member for Conference and Prizes
2009–2011	Executive Board Member of the International Society of IRMMW-THz
2007–2010	Member of the Board of the Bunsen (German Physical Chemistry) Society
2003–2004	Member of the Advisory Panel of the Physical and Engineering Science & Technology Sub-Programme of NATO
2000–2004	Representative of Molecular Physics Subsection of the German Physical Society

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

Since 1998	54 Postdocs, 71 PhD, 55 MSc Faculty of Chemistry and Biochemistry, Ruhr University Bochum
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PUBLICATIONS AND INVITED LECTURES

Since 1988	>310 publications, >350 invited lectures
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Updated on 10.09.2025