

Ulrike Diebold

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- **PERSONAL INFORMATION**

Date of birth: 12.12.1961 Married to Gerhard Piringer, 2 children

Nationality: Austria/U.S.A.

Website: <https://www.tuwien.at/en/phy/iap/surface-physics>

Researcher ID: [A-3581-2010](https://orcid.org/0000-0003-0319-5256); ORCID: [0000-0003-0319-5256](https://orcid.org/0000-0003-0319-5256); Google Scholar: [user=Q3gAZ6sAAAAJ&hl=en](https://scholar.google.com/citations?user=Q3gAZ6sAAAAJ&hl=en)

- **EDUCATION**

TU Wien, Vienna, Austria:

1990 PhD in Physics, Thesis topic: 'Low-energy ion-surface interactions'
1986 Diplom Ingenieur (eq. Master), Engineering Physics

- **CURRENT POSITION(S)**

2022–2027 Vice President, Austrian Academy of Sciences
2010– Full Professor and Deputy Head, Inst. of Applied Physics, TU Wien, Vienna, Austria
2010– Adjunct Professor, Dept. of Physics, Tulane University, New Orleans, USA

- **PREVIOUS POSITIONS**

Dept. of Physics, Tulane University, New Orleans, USA:

2006–2010 Yahoo! Founder Chair in Science and Engineering
2001–2010 Professor of Physics and Associate Chair
1999–2001 Associate Professor
1993–1999 Tenure-track Assistant Professor

Rutgers University, New Jersey, USA:

1990–1993 Post-doc (Advisor: Prof. T.E. Madey)

- **SHORT-TERM, HONORARY, AND VISITING POSITIONS**

2012 Guest Professor, Hubei University, Wuhan, China
2008 Fellow, Research Center Rossendorf-Dresden, Germany
2005 Visiting Professor, Rutgers University, and Visiting Research Collaborator, Princeton University (displaced by Hurricane Katrina)
2004 Humboldt Awardee, Fritz-Haber Institute, Berlin, and U. of Ulm, Germany
1997 Sabbatical, Pacific Northwest Laboratory, Richland, WA, USA, and TU Wien

- **AWARDS & NAMED LECTURESHIPS**

2023 Board of Directors, Center of Excellence 'Materials for Energy Conversion, MECS'
2021 Speaker, Coordinated Research Center 'Taming Complexity in Materials Modelling'
2020 Gerhard Ertl Lectureship Award
2020 ERC Advanced Grant 'WatFun'
2019 Honorary Doctorate, Brno University of Technology, Czech Republic
2019 Science Prize of the City of Vienna
2018 Xing Da Lectureship, Peking University, Beijing, China
2016 Zhongshang Colloquium, Nanjing University
2015 Blaise Pascal Medal in Materials Science (European Academy of Sciences)
2015 Debye Lecture, Utrecht University, Netherland
2015 Erwin Schrödinger Memorial Lecture, Trinity College, Dublin, Ireland
2015 Brdka Memorial Lecture, Heyrovsky Institute of Chemical Physics, Prague
2014 Eminent Visitor Award, Catalysis Society of South Africa (CATSA)

2013	Arthur W. Adamson Award, American Chemical Society
2013	Wittgenstein Prize (highest research award in Austria)
2012	ERC Advanced Grant ‘OxideSurfaces’
2008	Tulane School of Science and Engineering Outstanding Researcher
2003	National Science Foundation ‘Special Creativity Award’
2004	Tulane Liberal Arts and Sciences Faculty Research Award
2001	Friedrich-Wilhelm-Bessel Research Prize from the Alexander-von-Humboldt Foundation
1996	NSF CAREER Grant

• **ELECTED MEMBERSHIPS TO SCIENTIFIC SOCIETIES AND ACADEMIES**

2022	Fellow, Royal Society of Chemistry, RSC
2022	Vice President, Austrian Academy of Arts and Sciences
2021	Member, American Academy of Arts and Sciences
2019	Member, Academia Europaea
2015	Member, German National Academy of Sciences Leopoldina
2014	Member, European Academy of Sciences
2014	Full Member, Austrian Academy of Sciences (Corresponding Member: 2012)
2007	Fellow, American Association for the Advancement of Science, AAAS
2005	Fellow, American Vacuum Society, AVS
2004	Fellow, American Physical Society, APS

• **PUBLICATION RECORD**

See separate publication list and [searchable list \(since 2000\)](#)

Total of 290 peer-reviewed publications, incl. 7 *Science*, 1 *Nature*, 20 *Physical Review Letters*, 13 *Nature ‘babies’*, 5 *Angewandte Chemie Int. Ed*, 5 *Proc. Natl. Acad. Sci.*

Total number of citations > 37,000 ([Google Scholar](#)) > 25,000 ([Publons](#)),
h-index: 88 ([Google Scholar](#)) 73 ([Publons](#))

• **INVITED TALKS**

> 140 lectures, seminars and colloquia at research institutions

> 250 invited at international conferences, workshops, and summer schools (*online)

Selected examples: *Plenary talk*, Brazilian Physics Society, Ouro Preto, 2023; *Plenary talk*, German Physics Society, Regensburg, 2022; *Plenary talk*, Solid State Ionics, Boston 2022; *Plenary talk*, Joint Annual Meeting of the Austrian and Swiss Physics Societies, Innsbruck, Austria 2021; **Plenary talk*, E-MRS Strasbourg 2021; *Plenary talk*, *International Conference on Advanced Materials and Devices 2021, Jeju, Korea; *Plenary Talk*, *Ambient Pressure X-ray Photoelectron Spectroscopy (APXPS), Pohang, Korea 2020; *Keynote talk*, *71st Annual Meeting of the International Society of Electrochemistry, Sept. 2020; *Keynote Lecture*, 47th IUPAC World Chemistry Congress, Paris, France 2019; *Plenary talk*, European Conference on Surface Science, Aarhus, Denmark 2018; *Keynote* 17th International Meeting on Chemical Sensors, Vienna, Austria 2018; *Plenary Opening Talk*, Conference on Applied Surface Science, Dalian, China 2017; *Keynote*, 6th EuCheMS Chemistry Congress, Seville, Spain 2016; *Plenary Talk*, 18th International Symposium on Small Particles and Inorganic Clusters Jyväskylä, Finland 2016; *Overview Talk*, DPG Spring Meeting, Regensburg, Germany 2016; *Plenary Lecture* Brazilian Material Research Society Meeting, Rio de Janeiro, Brazil 2015; *Full Lecture* Annual Meeting of the German Physical Chemistry Society (Deutsche Bunsen-Gesellschaft), Bochum, Germany 2015; *Plenary Talk*, Catalysis Society Meeting of South Africa, Pretoria 2014; *Plenary talk*, African Materials Research Society, Addis Ababa, Ethiopia 2013; *Plenary Talk*, European Conference on Surface Science, Wroclaw, Poland 2011

• **COMMISSIONS OF TRUST**

Editorial Activities:

Science Magazine (Board of Reviewing Editors, 2020–); *Physical Review Research* (Editorial Board, 2019–); *Materials Horizons* (Editorial Board, 2021–); *Small Science* (2020–), *Physical Review Letters* (Divisional Associate Editor, Materials Physics, 2012–2017); *ACS Energy Letters* (2017–2019); *njp Quantum Materials* (2016–); *Advanced Materials Interfaces* (2013–2015); *Surface Science* (2010–2015); *Surface Science Reports* (2004–)

Leadership roles in professional societies (selected):

Austrian Academy of Sciences, *Vice President* (2022–)

Academia Europaea, Chemical Science Division, *Chairperson*, (2022–)

German Physical Society (DPG) Surface Physics Section, *Chair* (2018–2020), *Vice Chair* (2016–2018, 2020–2021)

Participation in Decision-Making Bodies (selected):

European Research Council (ERC): Synergy Grant Initiative Panelist (2018); *Advanced Grant Initiative, Panelist, Panel PE 4* (2008, 2010, 2012, 2015)

Senate, Christian Doppler Research Association (2012–2023), *Scientific Board*, Kardinal Innitzer Studienfonds (2016–), *International Referee, Division 2, SNSF Research Council, Switzerland* (2020–2021), *Expert Panelist, Academic Research Fund (AcRF) Tier 2, Ministry of Education, Singapore*, (2020–2024)

Evaluation and Advisory Committees (selected):

Appointment Committees Cambridge University (2021–), Max-Planck Partner Group (2017–), Materials Science Department ETH Zürich (2016), Physics Department TU Munich (2016), Materials Department TU Darmstadt (2014), *Advisory Board, J. Heyrovsky Institute of Physical Chemistry, Prague* (2018–), *Scientific Board, CEITEC Brno* (2019–), *Paul-Drude Institute, Berlin* (2020), *Advanced Research Institute for Nanolithography, Amsterdam* (2020–2023), *Czech Ministry for Higher Education, Youth and Sports, Assessment Panel Large Infrastructure Initiative* (2021)

• **ORGANISATION OF SCIENTIFIC MEETINGS**

Co-Organizer *Spring Meetings German Physical Society, Condensed Matter Section* (2019, 2021, 2021)

Organizer (together with Fritz Aumayr and Peter Varga) of *Symposium on Surface Science*, ‘3S in St. Christoph/Arlberg, Austria, biennial since 2010

International Advisory Board of multiple international meetings (e.g., ECOSS, ECSD, ICSOS, HiTc Workshop, as well as symposia at MRS, E-MRS, ACS)

• **INSTITUTIONAL RESPONSIBILITIES**

Appointed by TU rector to the ‘Core Team’ to initiate and lead the “Vision TU 2025+” process (2013–2021)

Member of University Senate (2011–2019), *Speaker of the Professors of the Faculty of Physics* (2015–)

Numerous other steering, curriculum, search, and evaluation committees at TU Wien and at other Austrian universities. (By Austrian law, 50% of committee members have to be female.)

• **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

PhD Students at Tulane: 8 graduated (4 → faculty positions)

PhD Students TU Wien: 16 graduated (5 → academic positions): Philipp Scheiber (2012 → AMS Graz), Zbynek Novotny (2013 → *Oberassistent, Uni Zürich/PSI*), Bernhard Stöger (2014 → ZKW Group, Wieselburg), Jong-Il “Jake” Choi (2016, Co-advisor → Post-doc, KAIST, S. Korea), Stefan Gerhold (2016 → IMS Vienna), Roland Bliem (2016 → *Asst. Prof. ARCNL and U. of Amsterdam*), Oscar Gamba (2016 → *Lecturer, Universidad de Antioquia, Medellin, Colombia*), Jan Balajka (2018 → *Assistant Prof., TU Wien*), Daniel Halwidl (2018 → FTI Consulting), Jiri Pavelec (2019 → *Senior Scientist, TU Wien*), Jan Hulva (Co-advisor, 2019), Jonas Gloss (Co-advisor 2019 → IMS), Peter Lackner (co-advisor, 2019 → Liebherr), Giada Franchesci (2020 → post-doc, Freie Universität Berlin), Zdenek Jakub (co-advisor, 2020 → post-doc, CEITEC Brno), Matthias Müllner (2021 → Hydrofy (own start-up)), Igor Sokolović (2021 → post-doc, Charles U., Prague), Florian Kraushofer (2021 → post-doc, TU Munich)

Ongoing: David Rath (2019–), Erik Rheinfrank (2020–), Panukorn Sombut (2020–), Lena Haager (co-advisor, 2020–), Ali Rafsanjani (co-advisor, 2020–), Alexander Imre (2021–), Johanna Hütner (2021–), Luca Lezuo (2021 -), Andrea Conti (2022 -), David Kugler (2023 -), Saeed Rasoul (2023 -)

Post-docs at Tulane: (18 total, 6 → faculty positions)

TU Wien: (17 total, 8 → academic positions): Zhiming Wang (→ *Ningbo U.*), Xianfeng Hao (→ *Yanshan U.*), Gareth Parkinson (→ *Assoc. Prof. TU Wien*), Alex Riss (→ post-doc TU München), Stijn Mertens (→ *Reader, U. Lancaster*), Michele Reticcioli (→ *Asst. Prof., U. of Vienna*), Zhiyou Zou (→ post-doc, U. Florida), Zhichang Wang (→ *Asst. Prof. Xianmen U., China*), Martin Setvin (→ *Assoc. Prof., Charles University, Prague*), Hao Chen (→ post-doc, UC Berkeley) Matthias Blatnik (→ post-doc CEITEC Brno), Francesca Mirabella (→ post-doc, Bundesanstalt für Materialforschung, Germany), Michele Riva (→ *Senior Scientist, TU Wien*), Margareta Wagner (→ *Assistant Professor, TU Wien*), Jiri Pavelec ((→ *Senior Scientist, TU Wien*)

Ongoing: Matthias Meier, Paul Ryan, Moritz Eder, Chunlei Wang, Giada Franceschi, Jan Balajka, Igor Sokolovic, Christoph Schattauer, Hao Yin

- **OUTREACH AND MEDIA**

Lectures for high school students and the general public (e.g., BRG Waidhofen/Ybbs, HTL Mödling, [Salzburger Frauensalon](#), Rotary Club Mödling, [Kunstverein Alte Schmiede](#), Wittgensteinakademie, [Klub logischer Denker](#), [Wissendurst](#))

Organization of outreach events: Curator, [Be-Open Science and Society Festival](#), *September 2018*, Local Organizer ‘[Lise-Meitner-Lectures](#)’ (2013–)

As the recipient of 2013 [Wittgenstein Award](#), Austria’s highest research recognition (one or two such prizes per year for *all* areas of research in the country), Diebold enjoys high visibility in the Austrian media, which she uses to promote appreciation of scientific research (TV, [press](#), [radio](#), [editorials](#)).