

Prof. Dr. Walter Leitner . *Max Planck Institute for Chemical Energy Conversion*

Managing Director

Molecular Catalysis



CV

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|---|---|
| Dipl.-Chem. Univ. (Chemistry) | University of Regensburg (1982-1987) |
| Dr. rer. nat. | Institute for Inorganic Chemistry , University of Regensburg (1987-1989) |
| Postdoc | Dyson Perrins Laboratory for Organic Chemistry, University of Oxford, UK (1990) |
| Fellowship | Liebig Fellow of the Fonds der Chemischen Industrie, University of Regensburg (1991-1992) |
| Research associate | Max-Planck-Working Group „CO ₂ -Chemistry“, Friedrich-Schiller-University Jena (1992-1995) |
| Habilitation | Friedrich-Schiller-University Jena(1995) |
| Lecturer (Privatdozent) | Friedrich-Schiller-University Jena (1995) |
| Group leader | Department of “Organic Synthesis” , Max-Planck-Institut für Kohlenforschung, Mülheim/Ruhr (1995-1998) |
| Head of the Technical Laboratories | Max-Planck-Institut für Kohlenforschung, Mülheim/Ruhr (1998-2002) |
| Acting Chair | “Technical Chemistry and Petrochemistry”, RWTH Aachen (2000-2002) |
| Chair | Technical Chemistry and Petrochemistry, Institut für Technische and Makromolekulare Chemie, RWTH Aachen (seit 2002) |
| External Scientific Member | Max-Planck-Institut für Kohlenforschung, Mülheim an der Ruhr (2002-2017) |
| Director | Molecular Catalysis, MPI CEC (since 2017) |

Awards

- 2020 Prix Binational Franco-Allemand “Georg Wittig-Victor Grignard” awarded by the Société Chimique de France
- 2020 Top 3 of the European Innovator Award “Industry” together with Dr. Christoph Gürtler (Covestro AG)
- 2020 Top 10 Winners of the Falling Walls Breakthroughs of the Year in Physical Sciences
- 2019 Top 3 of the “Deutsche Zukunftspreis” (German Presidential Award for Innovation in Science and Technology), together with Dr. Christoph Gürtler and Dr. Berit Stange (Covestro AG)
- 2014 European Sustainable Chemistry Award of the European Science Association of Chemical and Molecular Sciences (EuChemS), jointly with Prof. Jürgen Klankermayer (RWTH Aachen)
- 2009 Wöhler Award of the Gesellschaft Deutscher Chemiker (GDCh)
- 2008 CATSA Eminent Visitor Award of the South African Catalysis Society
- 2001 Otto-Roelen-Medal of DECHEMA
- 2000 2nd International Messer Innovation-Award
- 1998 Bennigsen-Foerder-Preis of Nordrhein-Westfalen (NRW)
- 1998 Carl-Zerbe-Award of Deutsche Wissenschaftliche Gesellschaft für Erdöl, Erdgas und Kohle (DMGK)
- 1997 Gerhard-Hess-Award of Deutsche Forschungsgemeinschaft (DFG)

Named Lectureships and Guest Professorships

- 2019 International Organic Chemistry Forum Lectureship, Kyoto/Osaka, Japan
- 2018 Casey Lecture of the University of Wisconsin, Madison, USA
- 2018 Evonik Lecture at the Biennial Meeting of the Chinese Chemical Society, Hangzhou, China
- 2017 Rennes Green Chemistry Lectureship, Rennes, France
- 2015 Nankai University Lectureship in Organic Chemistry, Nankai University, China
- 2015 Molecular Science Forum Lecture of Chinese Academy of Sciences and Chemical Society
- 2013 Visiting Lecturer for Promotion of Chemistry, National Science Foundation Taiwan
- 2005 Guest Professorship at the Université de Bourgogne, Dijon, France
- 2003 Griess Lectureship of the Royal Society of Chemistry (RSC)

Functions:

Journals

- Since 2021 Advisory Editor of Angewandte Chemie (GDCh, Wiley-VCH)
- 2018 - 2021 Member of the Kuratorium/Editorial Board of Angewandte Chemie (GDCh, Wiley-VCH)
- Since 2005 Member of the International Advisory Board of “Advanced Synthesis and Catalysis” (Wiley)

- 2004 - 2010 / 2010-2016 Scientific Editor / Chairman of the Editorial Board of “Green Chemistry” (Royal Society of Chemistry)

Conferences

- 2022 Chairman of Gordon Research Conference on Green Chemistry, Castelldefels, Spain
- 2019 Chairman of the 17th International Conference in Carbon Dioxide Utilization (ICCDU XVII), Aachen, Germany
- 2019 Chairman of the 14th European Congress on Catalysis (EuropaCat), Aachen, Germany
- Since 2018 Advisory Board of the International Symposium on Green Chemistry (ISGC), La Rochelle, France
- Since 2016 Advisory Board of the International Symposium on Homogeneous Catalysis (ISHC)
- 2012 Member of the Organizing Committee of the 15th International Congress on Catalysis (ICC), Munich, Germany
- 2002 - 2016 Chairman of the Conference Series “Green Solvents”

Coordinated Research Programs

- Since 2019 Co-Speaker of the Cluster of Excellence “The Fuel Science Center” at RWTH Aachen University and MPI CEC
- Since 2016 Chairman of the Coordination Group of the BMBF funded Kopernikus Project “P2X: Exploration, Validation, and Implementation of „Power-to-X“ Concepts”
- 2014 - 2018 Co-Speaker of the Cluster of Excellence “Tailor-Made Fuels from Biomass” at RWTH Aachen University
- 2010 - 2014 Coordinator of the large-scale collaborative research project “SYNFLOW” within the 7th Framework Program of the EU
- Since 2007 Scientific Director of CAT, the joint Catalytic Center of RWTH Aachen and Covestro
- 2002 - 2006 Coordinator of the BMBF funded *ConNeCat* lighthouse project “Regulated Systems for Multiphase Catalysis”

Professional Activities and Societies

- Since 2021 Advisory Editor of the journal “Angewandte Chemie”
- Since 2020 Vice-Chairman of the Board of DECHEMA, the German Society for Chemical Engineering and Biotechnology
- Since 2019 Review Panel of the Swiss National Competence Center (NCCR) in Catalysis
- 2018 - 2021 Editorial Board (Kuratorium) of the journal “Angewandte Chemie”
- 2018 - 2020 Advisory Board of the International Green Technology Association, Beijing, China
- Since 2015 Scientific Council of the German Society for Petroleum and Coal Science and Technology, DGMK
- 2014 - 2018 Scientific Advisory Board of the Renewable Energy Program of the Karlsruhe Institute of Technology KIT
- Since 2013 External Advisory Board of the UK Catalysis Hub

- Since 2013 Advisory Board of the Centre of Sustainable and Circular Technologies, Univ. of Bath, UK
- 2011 - 2016 Board of DECHEMA
- 2011 - 2014 Chairman of the German Catalysis Society GeCatS
- Since 2011 Honorary Member of the Chemical Society of Ethiopia
- Since 2010 Fellow of the Royal Society of Chemistry (FRSC)
- Since 2009 Scientific Advisory Board of the Center for Sustainable and Circular Technologies at the University of Bath
- 2009 - 2017 Strategy Council of RWTH Aachen University
- 2006 - 2014 Board of the Section “Sustainable Chemistry” of the German Chemical Society (GDCh)
- 2006 - 2008 Chairman of the Catalysis Section of DECHEMA
- 2005 - 2011 Board of the Petrochemical Division of the German Society for Petroleum and Coal Science and Technology (DGMK)
- Since 2005 Advisory Board of the journal “Advanced Synthesis and Catalysis”
- 2004 - 2016 Scientific Editor/Chairman of the Editorial Board of the journal “Green Chemistry”