

CURRICULUM VITAE

Johannes August Lercher

Academic education

- 1985 Habilitation (venia docendi) for Physical Chemistry at the Technische Universität Wien
- 1980 Dr. techn., Chemistry, Technische Universität Wien
(Advisor. Prof. Heinrich Noller)
"Acid Sites on Al₂O₃/MgO and Al₂O₃/SiO₂ Mixed Metal Oxides" (Summa cum Laude)
- 1978 Dipl. Ing., Chemistry, Technische Universität Wien (Summa cum Laude)

Professional experience

- 2011 - date Battelle Fellow, Director Institute for Integrated Catalysis, Pacific Northwest National Laboratory, Richland, WA, USA
- 1998 - date Professor, Chemistry Department, Technische Universität München, Germany
- 2003 - 2007 Member of the Senate, Technische Universität München
- 2000 - 2003 Chairman of the Chemistry Department, Technische Universität München
- 1993 - 1998 Professor of Chemical Technology, University of Twente, The Netherlands
- 1990 - 1996 Head of the Christian Doppler Laboratory for Heterogeneous Catalysis
- 1989 - 1993 Head of the research group "Surface chemistry and Catalysis" at the Institute for Physical Chemistry, Technische Universität Wien
- 1989 - 1993 Associate Professor, Technische Universität Wien
- 1985 - 1989 Lecturer, Technische Universität Wien
- 1982 Research fellow and visiting lecturer, Yale University, Department of Chemical Engineering
- 1978 - 1985 University Assistant at the Institute for Physical Chemistry, Technische Universität Wien

Service in professional organizations

- 2013 - 2017 President, European Federation of Catalysis Societies
- 2012 Chairman, Organizing Committee 15th International Catalysis Conference
- 2008 - 2014 Vice Chairman, German Catalysis Society
- 2007 - 2019 German delegate, European Federation of Catalysis Societies
- 2007 - 2008 Member of DECHEMA Advisory board, Catalysis
- 2003 - 2015 Chairman of the Bavarian Section of the German Association of Gas, Coal and Petroleum
- 2001 - 2008 Member of DECHEMA Advisory board, Chemical Technology
- 2001 - date Board of the German Association of Gas, Coal and Petroleum, Section petrochemistry
- 2001 - 2004 President, International Zeolite Association
- 1996 - 1998 Vice Chairman Catalysis, Dutch Chemical Society
- 1994 - 1999 Member of the board of the Dutch Catalysis Institute (NIOK)
- 1991 - 1993 Chairman, working party on Catalysis, Austrian Chemical Society

Academy memberships

US National Academy of Inventors (2019 – date)
US National Academy of Engineering (2017 – date)
European Academy of Sciences (2015 – date)
Academia Europaea (2010 - date)
Austrian Academy of Sciences (2008 - date)

Awards, recognitions

Alwin Mittasch Prize, Society for Chemical Engineering and Biotechnology e.V., DECHEMA (2021)
David Trimm and Noel Cant Lectureship Award, Australian Catalysis Society (2017)
Hon. Professor, Tianjin University, China (2016)
ENI Award Hydrocarbons Downstream (2016)
R. B. Anderson Award, Canadian Catalysis Society (2015/16)
Francois Gault Lectureship Award (2013)
Kozo Tanabe Prize for Acid Base Catalysis (2013)
Hon. Professor, Dalian Institute of Chem. Physics, China (2012)
Hon. Professor, China University of Petroleum, China (2011)
Hon. Professor, CAS Qingdao Inst. of Bioenergy and Bioprocess Technology, China (2011)
Robert Burwell Lectureship in Catalysis, North American Catalysis Society (2011)
PE- Prof. R. Kumar CDS Award of the Indian Chemical Engineering Society (2005)
Shell – Center of Excellence Award (1998)
Christian Doppler Award (1989)
Research fellow Austrian Board for Trade and Industry (1982)

Named lectures

Dr. Paul Ratnasamy Endowment Lecture, NCL Pune (2019)
Eastman Lecture, UC Berkeley (2016)
Hougen Lecture, University of Wisconsin, Madison (2015)
Dodge Lecture, Yale University (2014)
Xinda Lecture, Peking University (2014)
Hess Lecture, University of Virginia (2014)
Distinguished Lecturer, Nanyang Technological University (2013)
Val Haensel Inaugural Lecture, UOP (2012)
Zhang Dayu Lectureship of Dalian Institute of Chemical Physics (2012)
Imperial College, Distinguished Lecturer, Department of Chem. Engineering (2012)
PNNL-Distinguished Catalyst Researcher Lecture (2008)
Geus Lecture, Univ. Utrecht (2007)
UOP Invitational Lecture (2004)

Editorial activities

Editor in Chief, J. Catalysis (2010 - date); Editor (2004 – 2009)
Editor in Chief, Catalysis Communications (2021 -)
Associate Editor, Encyclopedia of Catalysis, (2002) (2003 Award for Best Multi Volume Reference from the Association of American Publishers)

Editorial board member

Chin. Journal of Catalysis (2014 – date)
J. Chem. Intermediates (1994 - date)
Catalysis Letters (2006 - 2013)
Topics in Catalysis (2006 - 2013)
RSC Catalysis Book Series: Theory and Applications (2007- date)
The Chemical Record (2008 - 2014)
Microporous Materials (1992 – 1995, 2001 -2004)

Advisory boards

2014 - date	CREATE program, Cambridge CARES, Singapore
2013 - 2021	Leibnitz Institute for Catalysis, Rostock, Germany
2012 - 2018	Karlsruhe Institute of Technology, Program on Renewable Energies, Karlsruhe, Germany
2009 - 2014	EFRC, Center for Atomic Level Design, LSU, USA

Teaching

1998 - date	“Reaction technology and Catalysis” “Industrial Processes I - Energy” “Industrial Processes II - Chemical Synthesis” “Chemically Functional Materials”
1994 - 1998	"Kinetics and Catalysis" "Industrial Catalysis" "Environmental Catalysis"
1989 - 1993	"Physical Chemistry" "Thermodynamics of phases"
1986 - 1994	"Heterogeneous Catalysis II, Application in Industrial Processes and Environmental Protection"
1985 - 1994	"Heterogeneous Catalysis I, Theory and Model Reactions"
1982	"Industrial Catalytic Reactions and Reaction Mechanisms" (Yale University, graduate course)