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CURRICULUM VITAE

Jan. 29, 1945 Born in Amstetten, Austria

- 1963** Graduation from High School (Gymnasium Amstetten, Austria)
1963-64 American Field Service Scholarship to USA, Study at Senior High School in Chisholm, Minn., US High School Diploma
1970 Degree of "Diplom-Ingenieur" for Chemistry, Vienna University of Technology
1970-77 Scientific assistant Vienna University of Technology
1971 Doctorate of Technical Sciences, Vienna University of Technology
1975 Venia Legendi for Analytical Chemistry
1977-90 Associate Professor Vienna University of Technology
1977 Visiting Professor to Max-Planck-Institute for Metals Research, Stuttgart
1978 Offer of Chair of Analytical Chemistry at the Free University Berlin
1989 Guest Professor at the University of Amsterdam within the International School of Chemical Sciences
1990 - 2013 Full Professor (Chair) for Analytical Chemistry at Vienna University of Technology, 01 Feb. 1997 – 31 Aug. 2007 on leave for service in the European Commission
1997 - 2002 Director of the Institute for Reference Materials and Measurements (IRMM), Joint Research Centre of the European Commission, Geel, BE (250 staff)
2002 - 2007 Director of the Institute for Environment and Sustainability (IES), Joint Research Centre of the European Commission, Ispra, IT (500 staff)

Major Professional Positions:

- Director at Joint Research Centre of the European Commission (1997 - 2007)
- Director of Institute for Analytical Chemistry of the Vienna University of Technology (1980 - 1982, 1984 - 1997)
- Scientific Supervisor of the Centre for Analytical Chemistry at the Austrian Research Centre for Agro-Biotechnology at Tulln (1993 - 1997)

Publications:

342 scientific publications, 2 books and 15 proceedings volumes (editor)
150 plenary or keynote lectures at international conferences
200 invited lectures at universities, research institutes or industry

Areas of Scientific Interest and Expertise:

Development/application of analytical methods/procedures in material and environmental sciences and sustainability issues (climate change, management of natural resources - like water, soil, forests - clean energies, transport and air quality, global development issues).

Major Awards:

Fritz Feigl Award of Austrian Society for Analytical Chemistry [1977]
 Fritz Pregl Award of Austrian Academy of Sciences [1981]
 Theophilus Redwood Lecture Award of Royal Society of Chemistry (UK) [1985]
 Pittsburgh Conference Lecturer (Pittsburgh Spectroscopic Society) [1991]
 ERASMUS Prize of the European Union [1994]
 Fellowship Award of the Australian Vice Chancellors' Committee [1995]
 Honorary Doctorate (Dr. h.c.) Helsinki University of Technology [2000]
 Ehrenkreuz für Wissenschaft und Kunst 1. Klasse der Republik Oesterreich [2001]
 Friedrich Emich Plaque of the Austrian Society for Analytical Chemistry [2011]
 Award Pro Didactica of Student Union of Department of Chemistry, Vienna University of Technology for best lecture course 2012/2013
 Honorary Doctorate University of Natural Resources and Life Sciences Vienna [2015]
 Johann Josef Ritter von Prechtel-Medaille der TU Wien (2015)

Functions in Learned Societies and International Organisations:

Corresponding Member of the Austrian Academy of Sciences [2002 -], Member of Commission on Climate and Air Quality and the Commission on Interdisciplinary Ecological Studies
 Member Austrian Society for Analytical Chemistry [President 1993 - 1997], Honorary President [2014 - ...]
 Member Austrian Chemical-Physical Society [President 1994/95]
 President of Analytical Chemistry Division Committee of the International Union of Pure and Applied Chemistry (IUPAC) [1996 - 1997]
 Founding Member EURACHEM

Previous Activities for Scientific Journals:

Advisory Board Analytical Sciences (Japan Society for Analytical Chemistry)
 Advisory Board Analytical Chemistry (American Chemical Society)
 International Advisory Board Analytical and Bioanalytical Chemistry (German, French and Spanish Chemical Societies)
 Editorial Board International Journal of Environmental Analytical Chemistry

Membership in Committees of Research Institutes and Agencies:

EC Representative in the CCQM of the BIPM (1997 – 2002)
 Advisory Board (Kuratorium) of the German National Metrology Institute, Physikalisch-Technische Bundesanstalt, Braunschweig (2000 - 2003)
 Scientific Advisory Board of the Helmholtz Research Centre for Environment and Health (GSF), München (1996 – 1999, Chair 1997 – 1999, 2004 – 2007, Chair 2006 - 2007)
 Board of Governors (Aufsichtsrat) of the Helmholtz Research Centre for Environment and Health (GSF), München (1997 – 1999, 2006 - 2007)
 Board of Governors (Aufsichtsrat) of the Helmholtz Centre for Environmental Research (UFZ), Leipzig (2007 - 2015)
 Management Board of European Environment Agency (EEA), Copenhagen (2003 - 2007)
 Scientific Advisory Committee of the EEA, Copenhagen (2003 - 2007)
 Research Council of European Association of National Metrology Institutes EUROMET (2007 – 2018)
Vienna, 09 October 2018