

Biodata	<i>September 5, 1957</i>	born in Innsbruck, Austria
	<i>Citizenship</i>	Austrian
University education	<i>1975/76</i>	studying chemistry at Innsbruck University
	<i>June 1980</i>	M.Sc. - promotion
	<i>July 1980 - February 1983</i>	Ph.D. - Thesis: ' <i>On the Structure and Energetics of Dipeptides and their Metal Complexes</i> '
	<i>March 20, 1983</i>	Ph.D. - promotion
Profession	<i>October 1980 to July 1985</i>	'Vertragsassistent' (lecturer), Institut für anorganische und analytische Chemie, Innsbruck University
	<i>May 1984 - July 1985</i>	IBM-Research-Fellowship in New York (Professor Enrico Clementi)
	<i>August 1985</i>	'Universitätsassistent' (Assistant Professor) Institut für anorganische und analytische Chemie (Innsbruck University)
	<i>January 1991</i>	'Habilitation' (associate professorship) in computational chemistry
	<i>Since October 1999</i>	Permanent position at the Institut of Ion Physics, Innsbruck University Extraordinary professor of computational chemistry.
	<i>Research stays</i>	Regular guest professorships at the Naocenter of Kasetsart-University, Thailand, since 2000. Extended (>1 month) research stays in Germany, Sweden, Slovakia. Many research stays in other countries. (Russia, Spain, Germany, Slovakia ...)
		2013: Research scholar of the Wenner-Gren foundation, Sweden (2 month)

Conferences and Publications	<i>Publications</i>	More than 200 publications in refereed international journals
	<i>September 1990:</i>	'26. Symposium für Theoretische Chemie' in Alpbach/Tyrol: 130 participants from many countries
	<i>May/June 1999:</i>	Computational Chemistry Workshop in Mariapfarr (with Alexander Sax): About 20 participants from 6 countries
	<i>November 2003</i>	Symposium: 'Modelling catalytically active surfaces' in Bangkok (with Jumras Limtrakul): About 55 participants from 7 countries
	<i>Conference contributions</i>	Several hundred, both as invited/plenary speaker and participant

Present activities with formal status	Leader of the Computational Chemistry group at the Institute of Ion Physics of Innsbruck University
	Faculty member of the doctoral college on 'Interdisciplinary Computational Modelling' in Innsbruck
	Member of the CRP on of the 'International Atomic Energy Agency' on 'Erosion and Tritium Retention in Beryllium Plasma-Facing Materials' (2011-2016)
	Leader of an European project (P3/Euratom/OEAW) on 'Atomistic studies of the interaction of light elements with Be and W materials: Erosion, migration and mixed-material formation' (since 2011 under EFDA, since 2014 under 'EUROfusion')
	Leader of the Austrian part of a bilateral Austrian/Slovakian 'Scientific-Technical research project' (2013-2014) on 'Interactions between surfaces and plasma particles'
	PI of the Austrian Science Fund project 'Effects of Ion Solvation on Solvent Dynamics' (2010-2014)
	Member of the 'Center of Physics' at Innsbruck University (since 2003)
	Member of the High Performance Computing platform of Innsbruck University (since 2005)
	Member of the Graduate School of Kasetsart-University. Member of the Scientific Advisory Board of the Swedish National Infrastructure for Computing (SNIC; October 2013-October 2016)

Since August 2015: Adjunct Professor at the VISTEC Institute of Science and Technology in Rayong, Thailand

Scientific interests and fields of contributions

Theoretical Materials Science:

- Plasma-Wall Interactions
- Clusters and other nanosystems
- Liquids and ionic solutions
- Electron attachment to molecules

Methodological and educational:

- Molecular dynamics simulations
- Applied quantum chemistry
- Hierarchical methods
- Scientific computing
- E-science and scientific programming
- Computers and IT in science education