

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 as extraordinary professor of computational chemistry.
	<i>Research stays</i>	Regular guest professorships at the Naocenter of Kasetsart-University, Thailand, since 2000. Many extended (>1 month) research stays in Germany, Sweden, Slovakia. Many research stays in other countries. (Russia, Spain, Germany, Slovakia ...) 2013: 2-month research scholarship of the Wenner-Gren foundation, Sweden

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	<p>Leader of the Computational Chemistry group at the Institute of Ion Physics of Innsbruck University</p> <p>One of ten faculty members of the doctoral college on 'Interdisciplinary Computational Modelling'</p> <p>Members in the CRP on of the 'International Atomic Energy Agency' on 'Erosion and Tritium Retention in Beryllium Plasma-Facing Materials' (2011-2015)</p> <p>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, since 2014 under 'Eurofusion')</p> <p>Leader of the Austrian part of a bilateral Austrian/Slovakian 'Scientific-Technical research project' (2013-2014) on 'Interactions between surfaces and plasma particles'</p> <p>Leader of the Austrian Science Fund project 'Effects of Ion Solvation on Solvent Dynamics' (2010-2014)</p> <p>Member of the 'Center of Physics' at Innsbruck University (since 2003)</p> <p>Member of the High Performance Computing platform of Innsbruck University (since 2005)</p> <p>Member of the Graduate School of Kasetsart-University.</p> <p>Member of the Scientific Advisory Board of the Swedish National Infrastructure for Computing (SNIC; October 2013-October 2016)</p> <p>Since August 2015: Adjunct Professor at the VISTEC Institute of Science and Technology in Rayong, Thailand</p>
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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