

CURRICULUM VITAE

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Education

25.10.1944	Born in Vienna, Austria
1950 - 54	Primary School in Linz, Austria
1954 - 62	High School (Akademisches Gymnasium) in Linz, Austria
1962 - 69	Studies of Physics and Mathematics at the University of Vienna
1.5.1968	Appointment as an assistant at the Vienna University of Technology
28.4.1969	Ph.D. summa cum laude (sub auspiciis praesidentis)
8.6.1975	Appointment as a lecturer (Dozent) at the Physics Faculty, Vienna University of Technology
1.6.1981 – 30.9.2012	Professor of Low Temperature Physics at the Physics Faculty, Vienna University of Technology

Professional Experience

6 - 7, 1972	Guest scientist at the Institut für Festkörperforschung, Kernforschungsanlage Jülich
2, 1977	Guest scientist at the Institut für Festkörperforschung, Kernforschungsanlage Jülich
6 - 9, 1979	Guest scientist at the Solid State Division, Oak Ridge National Laboratory
6 - 9, 1983	Guest scientist at the Materials Science Division, Argonne National Laboratory
6 - 9, 1987	Guest scientist at the Materials Science Division, Argonne National Laboratory
8, 1988	Guest scientist at the Materials Science Division, Argonne National Laboratory
8, 1989	Guest scientist at the Materials Science Division, Argonne National Laboratory
1, 2004 - 9, 2005	Deputy Director, Atominstitut
10, 2005 - 9, 2009	Director, Atominstitut
1, 2007 - 9, 2009	Elected Member, Senate of the Vienna University of Technology

Awards and Honors

14.5.1975	Felix-Kuschenitz-Award of the Austrian Academy of Sciences
6, 1991	Best Superconducting Materials Paper Award, ICMC Huntsville
9, 1993	Honorary Doctorate, Latvian University, Riga
5, 1996	Corresponding Member of the Austrian Academy of Sciences
10, 1999	1 st International PASREG Award for the Characterization of Bulk High Temperature Superconductors, Morioka, Japan
10, 2003	Best Structural Materials Paper Award, ICMC Anchorage
9, 2004	Elected Fellow, Institute of Physics, London
4, 2007	Honorary Professor, Southwest Jiaotong University, Chengdu, China
6, 2013	Lifetime Achievement Award, International Cryogenic Materials Conference, Anchorage, Alaska

Organization of Conferences

4, 1976	Organization of the International Discussion Meeting on Anisotropy Effects in Superconductors at the Atomic Institute of the Austrian Universities
9, 1985	Organization of a topical meeting on superconductivity of the Austrian Physical Society at the Atomic Institute of the Austrian Universities
2, 1988	Organization of the International Discussion Meeting on High-T _c Superconductors at Schloss Mauterndorf, Austria
4, 1992	Organization and Chairman, International Conference on "Critical Currents in High Temperature Superconductors - Vienna '92", Vienna University of Technology
1, 1994	Organization and Chairman, 7 th International Workshop on Critical Currents in Superconductors (7 th IWCC), Alpbach, Austria
3, 1997	Co-Chairman, International Workshop on Superconductors for Practical Applications, Xi'an, China
6, 2002	Co-Chairman, International Workshop on Superconductors for Practical Applications, Xi'an, China
9, 2005	Chairman, EUCAS '05 (7 th European Conference on Applied Superconductivity, Vienna University of Technology)
9, 2007	Co-Chairman, Campbell Conference on Flux Pinning and Related Phenomena, Cambridge, UK
11, 2007	Program Chairman, 20 th International Symposium on Superconductivity, Tsukuba, Japan

Scientific Journals

5, 1992 - 12, 2012	Member, Editorial Board of the journal "Cryogenics" (Butterworth-Heinemann, Oxford, now Elsevier Science, Amsterdam)
6, 1992 - 12, 2012	Member, Editorial Board of the journal "Condensed Matter, Advanced Materials and Superconductivity Research" (Nova Science Publishers, New York)
2, 1993 - 12, 96	Member, Editorial Board of the journal "Superconductor Science and Technology" (IOP Publishing, Bristol)
1, 2004 - 12, 2008	Member, <i>Executive</i> Editorial Board of the journal "Superconductor Science and Technology" (IOP Publishing, Bristol)
1, 2009 - 12, 2012	Member, Editorial Board of the journal "Superconductor Science and Technology" (IOP Publishing, Bristol)

Committees and Boards – Scientific Organizations

4, 1980 – 12, 97	Member, Commission for the Co-ordination of Fusion Research in Austria at the Austrian Academy of Sciences
4, 1986 - 1992	Member of the Technical Working Party of the Versailles Project on Advanced Materials and Standards (VAMAS)
10, 1990 - 12, 1993	Member, International Union of Pure and Applied Physics: Commission C5 (Low Temperature Physics)
8, 1992 – 7, 2011	Board Member of the International Cryogenic Materials Committee (ICMC)
1995 - 1997	Member, Physics Panel, TMR Fellowship Program, Brussels
1, 1998 - 12, 2007	Chairman, Commission for the Co-ordination of Fusion Research in Austria at the Austrian Academy of Sciences
6, 1998 - 6, 2007	Member, Steering Committee of the Association EURATOM- ÖAW
2, 1999 - 12, 2007	Member, Board of the Erich Schmid Institut für Materialwissenschaft (Leoben) of the Austrian Academy of Sciences
11, 2000 - 7, 2006	Member, Steering Committee of SCENET (Superconductivity Center of Excellence Network, EU funded)
1, 2001 – 12, 2012	Member, International Supervisory Board on Research, Education and Development Activities of the Institute of Solid State Physics, Riga, Latvia
1, 2001 - 12, 2006	Member, International Electrotechnical Commission (IEC), Technical Committee 90 (TC90)
1, 2002 – 10, 2012	Member, European Evaluation Board for Nuclear Fusion Research, Forschungszentrum Karlsruhe (now KIT), Germany
1, 2004 - 12, 2007	Member, Board of the Institut für Quantenoptik und Quanteninfor- mation (Innsbruck/Wien) of the Austrian Academy of Science
12, 2005 – 12, 2010	Elected Review Panelist, EPSRC, Swindon, UK
3, 2006 – 12, 2010	Elected Review Panelist, European Science Foundation, Strasbourg
11, 2006 – 12, 2012	Head of Research Unit, Nuclear Fusion Research in Austria, Association EURATOM-ÖAW
1, 2007 – 12, 2012	Member, EFDA Steering Committee
3, 2007 – 4, 2018	Board Member, Schiedel Stiftung für Energietechnik, Wien, Chair since 2011
4, 2007 – 12, 2019	Member, Governing Board "Fusion for Energy", Barcelona
10, 2007 – 12, 2012	Member, Consultative Committee for the EURATOM Specific Research and Training Program in the Field of Nuclear Energy (Fusion) – CCE-FU, Brussels

Scientific Publications (separate list)

8 books or special issues of journals (author / editor)

621 publications (among them 14 book chapters and 21 review articles)

Scientific Lectures: 829

MSc and PhD supervision: 105 persons

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