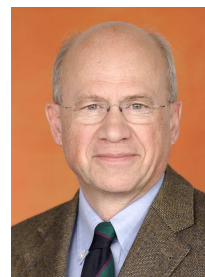


# Curriculum Vitae



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## Current Areas of Research

- Electronic correlations and magnetism
- Electronic structure of correlated electron materials
- Disordered systems
- Development of new analytical tools

## Professional Training and Qualification

**1971 – 1975** Study of Physics, University of Hamburg

**1975 – 1976** Research at the University of Hamburg (Prof. L. Tewordt)

**1976 – 1979** Research at the University of Southern California, Los Angeles, USA (Prof. K. Maki)

**1977** Diploma Degree, University of Hamburg

**1979** Doctoral Degree, University of Hamburg

**1984** Habilitation, Technical University of Munich

## Professional Experience

**1979 – 1984** Postdoctoral Research Associate (Prof. P. Wölfle), Max Planck Institute for Physics and Astrophysics, Werner Heisenberg Institute, Munich

**1984 – 1987** Heisenberg-Fellow of the Deutsche Forschungsgemeinschaft, Max-Planck-Institute for Physics and Astrophysics, Werner Heisenberg Institute, Munich

**1987 – 1996** Professor of Physics, Director at the Institute for Theoretical Physics, Rheinisch-Westfälische Technische Hochschule Aachen

**1989 – 1996** Founding Member and Member of the Board of Delegates of the DFG Collaborative Research Center (Sonderforschungsbereich) 341 *Physics of Mesoscopic and Low-Dimensional Metallic Systems* (Köln, Aachen, Jülich)

**1996 –** Professor of Theoretical Physics, Chair in Theoretical Physics, Center for Electronic Correlations and Magnetism, Institute for Physics, University of Augsburg

**2000 – 2010** Spokesman of the DFG Collaborative Research Center (Sonderforschungsbereich) 484 *Cooperative Phenomena in Solids: Metal-Insulator-Transitions and Ordering of Microscopic Degrees of Freedom* at the University of Augsburg during its entire funding period

**2007 –** Member of the Board of the Center of Competence on *New Technologies* at the University of Augsburg

**2010 – 2011** Managing Director of the Institute of Physics of the University of Augsburg

**2010 –** Member of the Steering Committee of the DFG Transregional Collaborative Research Center TRR 80 (Augsburg, Munich) *From Electronic Correlations to Functionality*

- 2010 – Spokesman of the DFG Research Unit FOR 1346 *Dynamical Mean-Field Approach with Predictive Power for Strongly Correlated Materials*
- 2011 – Spokesman of the DFG Transregional Collaborative Research Center TRR 80 (Augsburg, Munich) *From Electronic Correlations to Functionality*
- 2011 – Vice-Dean of the Faculty of Mathematics and Natural Sciences

### Awards and Honors (Excerpt)

- 1984 Heisenberg-Fellowship of the Deutsche Forschungsgemeinschaft
- 2006 Europhysics Prize of the European Physical Society
- 2010 Max Planck Medal of the German Physical Society
- 2011 Member of the Bavarian Academy of Sciences and Humanities
- 2011 Ernst Mach Honorary Medal of the Academy of Science of the Czech Republic
- 2012 Einstein Lecture, *Annalen der Physik*

### Services to the Scientific Community (Excerpt)

#### *Past activities*

- 1994 – 1999 Member of the Editorial Board of *Superconductivity Review*
- 1996 – 1998 Divisional Associate Editor of *Physical Review Letters*
- 1997 – 2001 Member of the Board of Curators of *Physikalische Blätter*, the Journal of the German Physical Society
- 1999 - 2005 German Representative in Commission C5 (Low Temperatures) of the *International Union of Pure and Applied Physics* (IUPAP); reelected in 2002
- 1999 - 2005 Associate Member of Commission C5 (Low Temperatures) in Commission C9 (Magnetism) of the *International Union of Pure and Applied Physics* (IUPAP)
- 2001 – 2003 German scientific representative in the Scientific Council of the *European Center for Atomic and Molecular Calculations* (CECAM)
- 2000 – 2004 Elected referee („Fachgutachter“) for *Condensed Matter Physics* for the Deutsche Forschungsgemeinschaft
- 2002 Chairman of the Review Committee for the evaluation of the Minerva Einstein Center for Theoretical Physics at the Weizmann Institute, Israel
- 2004 – 2008 Spokesman of the Review Board “*Condensed Matter Physics*” of the Deutsche Forschungsgemeinschaft

#### *Current activities*

- 2000 – Member of the Scientific Council of the *Max-Planck-Institute for Chemical Physics of Solids*, Dresden
- 2002 – Member of the Review Panel of the Swiss National Science Foundation for the National Centre of Competence in Research on *Materials with Novel Electronic Properties*
- 2004 – Member of the Commission for Low Temperature Research of the Bavarian Academy of Sciences
- 2008 – Member of the Editorial Board of *Lecture Notes in Physics* (Springer)
- 2008 – Member of the Binational Prize Committee of the German Physical Society
- 2012 – Chairman of the Commission for Low Temperature Research of the Bavarian Academy of Sciences and Humanities

### Publications

See [http://www.physik.uni-augsburg.de/theo3/Publications/publications\\_select.vollha.de.shtml](http://www.physik.uni-augsburg.de/theo3/Publications/publications_select.vollha.de.shtml)