

CURRICULUM VITAE

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Education

Doktor habil., January 1980, Ludwig-Maximilians-Universität München
Doktor rer. nat., March 1975, Ludwig-Maximilians-Universität München
Diplom-Physiker, July 1972, Ludwig-Maximilians-Universität München

Positions

2012 - present, Emeritus of Excellence, TUM
1998 - 2012, Full Professor, Chair of Mathematical Physics,
Department of Mathematics and Physics, Technische Universität München
2006 - 2009 Head of the Department of Mathematics, Technische Universität München
1982 - 1998 Associate Professor, Department of Physics at Universität München
1980 - 1982 Heisenberg fellow
1975 - 1980 Wissenschaftlicher Assistent, Department of Physics,
Universität München

Awards, Scientific Societies

1993 Max-Planck Research Award jointly with J.L. Lebowitz
2000 - 2003 President of the International Association of Mathematical Physics
2004 - 2008 Fachkollegiat of the DFG
2008 APS outstanding referee
2009 - 2011 Chair, C18 commission of IUPAP
2011 Leonard Eisenbud Prize for Mathematics and Physics (AMS)
2011 Dannie Heineman Prize for Mathematical Physics (AIP and APS)
2011 Premio Caterina Tomassoni e Felice Pietro Chisesi Prize of University of Roma
“La Sapienza”
2011 Docteur Honoris Causa de L’Université Paris-Dauphine

2011 - 2013 Scientific Advisory Board, Niels Bohr International Academy,
Kopenhagen
2011 - 2013 Scientific Advisory Board, Erwin-Schrödinger-Institute, Wien
2011 - 2015 Scientific Advisory Board, Mathematical Science Center,
Tsinghua University, Beijing

Editorial Services

since 2000, editor “Communications in Mathematical Physics”
since 2001 associate editor “Journal of Statistical Physics”
since 2010, editor “Journal of Statistical Mechanics”
2005 - 2011, editor “Continuum Mechanics and Thermodynamics”
2001 - 2006, associate editor “Physical Review Letters”
1994 - 2005, editor “Text and Monographs in Physics”, Springer-Verlag

2004 - 2007, editorial board “Journal of Mathematical Physics”
since 1996, editorial board “Annales de l’Institut Henri Poincaré”
1995 - 2002, editorial board “Electronic Journal in Mathematical Physics”
1993 - 2000, editorial board of “Journal of Nonlinear Science”
since 1988, editorial board “Reviews in Mathematical Physics”
since 1986, editorial board “Reports in Mathematical Physics”
1982 - 1984 and 1991 - 2000, editorial board “Journal of Statistical Physics”

Research Interests

dynamics of stochastic particle systems
kinetic equations
dynamics of interfaces
kinetics of growth processes
disordered systems
Schrödinger operators, open quantum systems
dynamics of particles coupled to fields
determinantal point processes, random matrices
random fields, functional integration