

CURRICULUM VITAE

Herbert SPOHN, Prof. Dr. Dr.h.c.mult.

Zentrum Mathematik and Physik Department,
Technische Universität München,
Boltzmannstr. 3
85747 Garching, Germany
Tel. (089) 289 17004
FAX (089) 289 17011
email spohn@tum.de

Education

Doktor habil., January 1980, Ludwig-Maximilians-Universität München
Doktor rer. nat., March 1975, LMU
Diplom-Physiker, July 1972, LMU
1967 - 1972, study of Physics at Universität Stuttgart,
Oregon State University, and LMU

Positions

2012 - present, Emeritus of Excellence, TUM
1998 - 2012, Full Professor, Chair of Mathematical Physics,
Department of Mathematics and Physics, TUM
2006 - 2009 Chairman, Department of Mathematics, TUM
1982 - 1998 Associate Professor, Department of Physics, LMU
1980 - 1982 Heisenberg fellow
1975 - 1980 Wissenschaftlicher Assistent, Department of Physics, LMU
post-doc at Yeshiva, Princeton, Rutgers University, and KU Leuven

Awards

1993 Max-Planck Research Award jointly with J.L. Lebowitz
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,
Università di Roma “La Sapienza”, Dipartimento di Fisica
2011 Docteur Honoris Causa de L’Université Paris-Dauphine
2014 Georg-Cantor-Medaille, Deutsche Mathematiker-Vereinigung

2015 Henri-Poincaré-Prize sponsored by the Daniel Iagolnizer Foundation,
International Association of Mathematical Physics
2017 Max-Planck Medal, German Physical Society
2017 Docteur Honoris Causa de L'Université Paris-Diderot
2019 Boltzmann Medal, IUPAP Commission C3 (Statistical Physics)

Scientific Societies

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 - 2017 Scientific Advisory Board, Niels Bohr International Academy, Copenhagen
2011 - 2015 Scientific Advisory Board, Erwin-Schrödinger-Institute, Wien
2011 - 2018 Scientific Advisory Board, Mathematical Science Center,
Tsinghua University, Beijing
2014 - 2019 Scientific Advisory Board, ACEMS, University of Melbourne

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

Research Interests

non-equilibrium statistical mechanics, dynamics of stochastic particle systems, kinetic equations, dynamics of interfaces, stochastic models of growth processes, non-linear fluctuating hydrodynamics, generalized hydrodynamics, space-time adiabatic theory, semi-classical analysis, open quantum systems, dynamics of particles coupled to fields, random matrices, functional integration