

Prof. Dr. Gerd Rudolph
Institute for Theoretical Physics, University of Leipzig,

CURRICULUM VITAE

Born September 5, 1950, Langenberg

Education

1969-1971 Studies, Faculty of Physics, University of Lublin, Poland
1971-1975 Studies, Faculty of Physics, University of Warsaw, Poland
1975 Diploma (M.A.) in Mathematical Physics, University of Warsaw
1980 PhD, University of Warsaw
1989 Habilitation, University of Leipzig

Experience

1975-1979 Assistant, Institute for Mathematical Physics, University of Warsaw
1979-1985 Assistant, Institute for Theoretical Physics, University of Leipzig
1985-1990 Head Assistant, Institute for Theoretical Physics, University of Leipzig
1994-2016 C3-Professor for Mathematical Physics, University of Leipzig
Since 2016 Retired Professor

Longer stays as visiting scientist

1987 University of Helsinki
1989 University of Pisa
1990 Imperial College London
2002 Universities of Tasmania (Hobart) and Brisbane
2009 Universities of Tasmania and New South Wales (Sydney)
2014 Universities of Tasmania and New South Wales (Sydney)
2014 Center for Advanced Studies, Warsaw University of Technology
many visits in Warsaw and Dubna

Prizes

1990-1991 Fellow of the Alexander von Humboldt Foundation at Arnold-Sommerfeld Institute, Technical University of Clausthal

2002 Alexander von Humboldt Polish Honorary Fellowship, (awarded by the Polish Foundation of Sciences)

Administrational duties

Spokesman of the Quantum Field Theory group 1994-2016

Vice-director of the Institute for Theoretical Physics 1999–2002

Director of the Institute for Theoretical Physics 2005–2008

Teaching

Standard lecture courses on Theoretical Physics

(Theoretical Mechanics, Electrodynamics and Special Relativity, Quantum Mechanics I and II, Introduction to Quantum Field Theory)

Lecture courses on Mathematical Physics

(Basic Course on Geometrical and Group Theoretical Methods in Physics, Symplectic Geometry and Hamiltonian Mechanics, Mathematical Aspects of Quantum Mechanics, Geometry of Gauge Fields and Gravitation, Introduction to Algebraic Topology for Physicists, Index Theorems and Anomalies in Gauge Theories, Lie Algebras and Applications)