



Curriculum vitae

Hanne, G. Friedrich, Univ.-Prof. Dr. rer. nat.

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Short description of the scientific career

1967 - 1971	Studies of physics, University (TH) of Karlsruhe, Germany
1971	Diploma thesis in Physics, University of Karlsruhe, Germany
1973 - 1984	Research Assistant, University of Münster, Germany
1975	Dr. rer. nat., (Prof. Dr. J. Kessler) University of Münster, Germany
1982	Habilitation, University of Münster, Germany
1984 - 1986	Heisenberg-Fellow, Deutsche Forschungsgemeinschaft, Germany
1986 - 1987	Professor of Physics, University of Oklahoma, U. S. A.
1987 - 2011	Universitätsprofessor, University of Münster, Germany
2011	Professor Emeritus

Research Fellowships

1980/81	FOM-Institute Amsterdam, Netherlands
1984 - 1986	Heisenberg-Fellow, Deutsche Forschungsgemeinschaft, Germany
1993	National Institute of Science & Technology, Gaithersb'g, U. S. A., Volkswagen Foundation
1993	Laboratory for Molecular and Atomic Research, Rolla, U. S. A., Volkswagen Foundation
1996	Sir Allan Sewell Visiting Fellow, Griffith University, Brisbane, Australia
1998/99	Australian Research Council International Fellow, Griffith University, Brisbane, Australia
2003/04	Laser Atomic Physics Laboratory, Griffith University, Brisbane, Australia, Volkswagen Foundation
2008/10	Laser Atomic Physics Laboratory, Griffith University, Brisbane, Australia and Centre of Antimatter-Matter Studies, University of Adelaide (Heinrich-Hertz Foundation and ARC Linkage Program)

Research interest and scientific experience

Study of spin-dependent collisions of polarized electrons with atoms, molecules and molecular layers on substrates; Production and detection of polarized electrons; Polarized photon spectroscopy; Electron-photon and (e,2e) coincidence spectroscopy; Optical pumping of atoms; above threshold ionization of atomic hydrogen

Awards and Honors

2007 Fellow of the American Physical Society
2009 Adjunct Professor, Griffith University

Publications and invited lectures

More than 90 publications in peer refereed journals or books, more than 120 contributed papers on conferences, more than 20 invited talk and lectures

Academic functions and committees

1991 - present Chair of the “Committee for Teaching and Student Affairs” Department of Physics, University of Münster
1983 - 1997 Project leader (Teilprojekt M6) in the Sonderforschungsbereich (SFB) 216 Bielefeld/Münster of the Deutsche Forschungsgemeinschaft “Polarization and Correlation in Atomic Collision Complexes”
1987 - 1997 Representative Spokesperson in the Sonderforschungsbereich (SFB) 216 “Polarization and Correlation in Atomic Collision Complexes” Bielefeld/Münster of the Deutsche Forschungsgemeinschaft
1995 - 1999 Member of the General Committee of the International Conference of the Physics of Electronic and Atomic Collisions (ICPEAC)
1993 – present Member of the International Committee of the International Symposium of Polarization and Correlation in Electronic and Atomic Collisions (ISPCEAC)
2006 Dean of “Teaching and Student Affairs”, Department of Physics, University of Münster

Memberships

Deutsche Physikalische Gesellschaft (DPG), Atomic Physics Section
American Physical Society (AMOP Section)