

CURRICULUM VITAE

Hans Joachim Specht

Prime Data

06.06.1936	Born in Unna/Westfalen, Germany
1956	Abitur at the Neusprachliches Gymnasium in Kamen/Westfalen
1956-1962	Study of Physics at the Universitaet Muenchen, Technische Hochschule Muenchen (now TUM) and ETH Zuerich
1962	Diplom in Physics, Technische Hochschule Muenchen (summa cum laude); Tutor of Diploma Thesis H. Maier-Leibnitz
1964	Dr.rer.nat., Technische Hochschule Muenchen (summa cum laude); Thesis work at the FRM, Tutor H. Maier-Leibnitz
1964-1965	Wissenschaftlicher Assistent, Labor fuer Technische Physik (now Physik-Department) der Technischen Universitaet Muenchen
1965-1968	Post-Doctoral Fellow of the National Research Council of Canada, since 1966 Research Associate, AECL Nuclear Laboratories, Chalk River, Canada
1969-1971	Wissenschaftlicher Assistent, Sektion Physik, Universitaet Muenchen
1970	Habilitation, Universitaet Muenchen
1971-1973	Wissenschaftlicher Rat und Professor (tenure); Sektion Physik, Universitaet Muenchen
1973	Formal Offer ('Ruf') as Director of the Institut fuer Neutronenphysik der Kernforschungsanlage Juelich, connected with a Full Professor position either at the Universitaet Bochum or the Technische Hochschule Aachen; declined
1973	Formal Offer ('Ruf') as a Full Professor at the Physikalisches Institut der Universitaet Heidelberg; accepted
1983-84	Scientific Associate (sabbatical leave) at CERN, Geneva; since 1983 member of the AFS Collaboration at the CERN ISR
1983	Formal Offer ('Ruf') as a Full Professor at the Institut fuer Kernphysik der Universitaet Mainz; declined
1983-1984	Dean, Fakultaet fuer Physik und Astronomie, Universitaet Heidelberg
1984-1988	Spokesperson, HELIOS/NA34-2 Collaboration at the CERN SPS
1988-1993	Spokesperson, CERES/NA45 Collaboration at the CERN SPS
1990-1991	Scientific Associate (sabbatical leave) at CERN, Geneva
1992-1999	Scientific Director ('Wissenschaftlicher Geschaefsfuehrer') of the Gesellschaft fuer Schwerionenforschung (GSI), Darmstadt
2003-2004	Scientific Associate (sabattical leave) at CERN, Geneva; since 2003 member of the NA60 collaboration at the CERN SPS
2004	Professor Emeritus

Professional Committees

(Selection; without numerous Conferences)

- 1974-1979 Member, Gutachterausschuss 'Kernphysik und Schwerionenforschung' of the BMFT, Bonn
- 1974-1977 Member, Apparatenausschuss of the Deutsche Forschungsgemeinschaft (DFG), Bonn
- 1975-1978 Member, Gutachterausschuss 'Kernphysik' of the Deutsche Forschungsgemeinschaft (DFG), Bonn
- 1975-1981 Chairman, Benutzerausschuss of the Gesellschaft fuer Schwerionenforschung (GSI), Darmstadt
- 1979-1981 Member, Wissenschaftlicher Rat of the Hahn-Meitner-Institut (HMI), Berlin
- 1979-1980 Member, ad-hoc-Ausschuss 'Kernphysik' of the BMFT, Bonn
- 1981-1983 Chairman, Wissenschaftlicher Rat of the Hahn-Meitner-Institut (HMI), Berlin
- 1981-1983 Member (ex officio), Aufsichtsrat of the Hahn-Meitner-Institut (HMI), Berlin
- 1981-1983 Member, Wissenschaftlicher Beirat of the Institut fuer Kernphysik der Kernforschungsanlage (KFA), Juelich
- 1981-1984 Member, Nuclear Physics Subcommittee of the Institut Laue-Langevin (ILL), Grenoble
- 1982-1985 Member, PSCC-Committee, CERN, Geneva
- 1983-1985 Member, Gutachterausschuss 'Kernphysik und Schwerionenforschung' of the BMFT, Bonn
- 1984-1987 Member, Commission C12 'Nuclear Physics' of the International Union of Pure and Applied Physics (IUPAP)
- 1984-1987 Member, Wissenschaftlicher Rat of the Gesellschaft fuer Schwerionenforschung (GSI), Darmstadt
- 1984-1988 Member, AGS Program Committee, Brookhaven National Laboratory, USA
- 1984-1999 Member, Auswahl Ausschuss of the Alexander von Humboldt-Stiftung for the Humboldt-Forschungspreise (Awards)
- 1985-1989 Chairman, PSCC-Committee, CERN-Geneva
- 1985-1989 Member (ex officio), Research Board, CERN, Geneva
- 1985-1989 Member (ex officio), Scientific Policy Committee, CERN, Geneva
- 1986-1988 Chairman, Gutachterausschuss 'Kernphysik und Schwerionenforschung' of the BMFT, Bonn
- 1987-1988 Chairman, ad-hoc-Ausschuss 'Kuenftige Entwicklungen der Grundlagenforschung in der Mittelenegie- und Kernphysik' of the BMFT, Bonn
- 1987-1989 Member, RHIC Steering Committee, Brookhaven National Laboratory, USA
- 1987-1991 Member, Experimentausschuss of the Gesellschaft fuer Schwerionenforschung (GSI), Darmstadt
- 1988-1994 Member, Max-Born and Gentner-Kastler-Preiskomitee of the Deutsche Physikalische Gesellschaft (DPG), Bonn
- 1992-1996 Member, Wissenschaftlicher Beirat of the Institut fuer Kernphysik (COSY) des Forschungszentrums Juelich (KFA)
- 1992-1996 Member, (First) Board of Directors, European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento
- 1995-2005 Member, Fachbeirat of the Max-Planck-Institut fuer Physik, Muenchen

1995-1999	Member Scientific Policy Committee, CERN, Geneva
1996-2002	Member, DAPNIA Scientific Board, CEA, Saclay
1998-2004	Member, Nuclear Physics European Collaboration Committee (NUPECC)
2000-2002	Member, LHC Safety Study Group, CERN, Geneva
2000-2006	Member, Scientific Advisory Board, Helsinki Institute of Physics

Chairman of major Conferences (without workshops)

1996	Int. Conf. Quark Matter 1996, Heidelberg
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Editorial Activities

1982-1989	Editor, Zeitschrift fuer Physik A “Atoms und Nuclei”, Heidelberg
1987-1994	Editor, Zeitschrift fuer Physik C “Particles and Fields”, Heidelberg
1987	Proc. Int. Conf. QuarkMatter 1987, Nordkirchen, Springer Editors H.Satz, H.J.Specht and R.Stock
1996	Proc. Int. Conf. QuarkMatter 1996, Heidelberg, Elsevier Editors P.Braun-Munzinger, H.J.Specht, R.Stock, H.Stoecker
1996-	Editor, Nuclear Physics

Awards

1965-1966	Fellowship of the National Research Council of Canada
1999	Werner Heisenberg-Medaille of the Alexander von Humboldt-Stiftung
2000	Member of the 'Heidelberger Akademie der Wissenschaften'

Publications

1961-2016	About 200 (see separate lists, in particular selected papers with guide)
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Student Teaching

1970-2003	Repeatedly most of the obligatory experimental courses (Beginners I and II, Modern Physics III, Atomic and Molecular Physics IV, Particle and Nuclear Physics V, with Public Scripta for I, II and III), plus the usual collection of others like advanced courses, seminars, lab courses, colloquia...
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Diploma and Doctoral Students

1969-2002	close to 100; 7 Habilitationen
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