

## 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 Geschaeftsfuehrer') 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, Apparateausschuss 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, Auswahlausschuss 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 Mittelenergie- 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

**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 more than 200 (see separate lists, in particular selected papers with guide)

**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...

**Diploma and Doctoral Students**

- 1969-2002 close to 100; 7 Habilitationen