

CURRICULUM VITAE

Heinrich J. Völk

EDUCATION

- Ludwigs-Maximilians-Universität München (LMU), Freie Universität Berlin 1955- 1961
- Diploma in Physics, LMU 1961
- Dr. rer. nat. (PhD) in Physics, LMU 1965
- Habilitation (Dr. rer. nat. habil.) at Technische Universität München (TUM) 1974

University and MPG fellowships and assistantships:

- Verwalter einer wiss. Assistentenstelle, Inst. für Angewandte Geophysik, LMU 1958-1959
- Promotionsstipendium, Institut für Plasmaphysik (IPP), Garching + Teaching Assistant, Theor.Physics, LMU 1962-1965

PROFESSIONAL ACTIVITIES

- Research Associate, IPP 1964-1965
- Research Associate, Dept. of Aeronautics and Astronautics, MIT 1965-1966
- Assistant Professor, Dept. of Aeronautics and Astronautics, MIT 1966-1967
- Senior Research Associate, Max Planck Institute for Extraterrestrial Physics 1967-1974
- Scientific Member and Director at Max Planck Institute for Nuclear Physics, Heidelberg 1975-2004
- Honorarprofessor, University of Heidelberg 1976-2004
- Distinguished Visiting Professor, Dept. of Physics and Enrico Fermi Institute, The University of Chicago 1982
- Scientific Member Emeritus, Max Planck Institute for Nuclear Physics 2005-
- Honorary Professor Emeritus, University of Heidelberg 2005-

SABBATHICAL LEAVES

- The University of Chicago Sept.1973-
Sept. 1974

PUBLICATIONS

(Metrics summary for all authored articles c.f. NASA-ADS Database, date: 19.12.2016)

- Total number of papers: 587
- Number of refereed papers: 381
- Total citations: 23,855; h-index: 85

SPACE EXPERIMENTS, GROUND-BASED GAMMA-RAY EXPERIMENTS

- Co-Principal Investigator Electron Beam Experiment on GEOS of ESA
- Co-Investigator ISOPHOT on ISO of ESA
- Co-Spokesperson HEGRA experiment on La Palma
- Chairman Collaboration Board of H.E.S.S. experiment in Namibia

SOME OTHER ACTIVITIES RELATED TO SCIENTIFIC RESEARCH

- Member of the Planetary (Solar) System Working Group of ESA 1973-1975
- Member of the Editorial Board “Space Science Reviews” 1983-1989
- Member of the Science Program Committee of ESA 1986-1987
- Member of the Space Science Advisory Committee of ESA 1987-1988
- Chairperson of the Survey Committee and Editor of the “Denkschrift Astronomie” of the Deutsche Forschungsgemeinschaft 1986-1987
- Chairperson of the European Space Science Committee, ESF (Strassburg) 1987-1994
- Chairperson of the Presidential Committee “Astronomie”, Max Planck Society (MPG), Munich 1991-1992
- Member of the Editorial Board “Journal of Physics” 1996-1999
- Coordinator of the Laboratoire Européen Associé (LEA) for Gamma-Ray Astronomy at High Energies, between MPG (Munich) and CNRS (Paris) 2001-2005
- Member of the ApPEC (Astroparticle Physics European Coordination) Steering Committee on behalf of German ministry BMBF 2002-2004
- Representative of MPG to ASEPS (Asia Europe Physics Summit) 2009-2011

H.J. Völk is a member of the Deutsche Physikalische Gesellschaft, a member of the Astronomische Gesellschaft, and a Fellow of the Institute of Physics. He is a Senior Fellow of the Helmholtz-Alliance for Astroparticle Physics.

H.J. Völk is a member of Academia Europaea

AWARDS

- Victor Hess Memorial Lecture, 2001
- 2006 Descartes Prize for scientific collaborative research of the EU for the H.E.S.S. Collaboration, 2007
- 2010 Rossi Prize of the American Astronomical Society (together with Felix Aharonian, Werner Hofmann, and the H.E.S.S. Collaboration), 2011
- 2013 TIFR-IUPAP Homi Bhabha Medal and Prize, 2013