

CV Werner Hofmann



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Nationality German

Date and Place of Birth November 11, 1952, Baden-Baden, Germany

Education 1971-1977 Study of physics at Karlsruhe University
Dipl. Phys. Karlsruhe University (1974)
Ph.D. Karlsruhe University (1977)
Habilitation in physics, Dortmund University (1980)

Career/Employment 1975-1977 Scientific Employee, Univ. Karlsruhe
1978-1981 Scientific Assistant, Univ. Dortmund
1981-1982 Heisenberg Scholarship at Univ. Dortmund
1982-1983 Heisenberg Scholarship at Lawrence Berkeley Laboratory (LBL), Berkeley
1984-1985 Assistant Professor, Univ. Berkeley, and Associate Faculty Scientist (LBL)
1985-1987 Associate Professor, Univ. Berkeley, and Faculty Senior Scientist (LBL)
1987-1988 Professor, Univ. Berkeley, and Faculty Senior Scientist (LBL)
since 1988 Director and Scientific Member, Max Planck Institute for Nuclear Physics, Heidelberg

Administration and Committee Service Chair of the Chemistry, Physics and Technology Section of the Max Planck Society, 2008-2011; Deputy chair 2007/2008, and 2011/2012
Managing Director, Max Planck Institute for Nuclear Physics 1991-1993, 1999-2001, and since 2016
Member of Board of Trustees of the Tschira Foundation, 2010-2016
Member of the ApPEC (Astroparticle Physics European Coordination) Scientific Advisory Committee (2008-2011)
Deputy chair (2005-2007) and chair (2008-2010) of the BMBF Gutachterausschuss "Ergebnisorientierte Astrophysik und Astroteilchenphysik"
Member of the German Committee for Astroparticle Physics (KAT), 2004-2010
Member of Scientific/Technical Council of Forschungszentrum Karlsruhe, and Chair of the Advisory Board "Structure of Matter", 2002-2008
... and other committees
Spokesperson of the CTA Collaboration; former Spokesperson of the H.E.S.S. Collaboration (2000-2012); former Spokesperson of PEP4-TPC Collaboration; former Chair of the Collaboration Boards of LHCb and HERA-B Collaborations

Awards Stern-Gerlach-Medal 2016 of the German Physical Society
Yodh Prize 2015 of the International Union of Pure and Applied Physics (IUPAP)
Smoluchowski Warburg Prize 2015 of the Polish Physical Society and the German Physical Society
Rossi Prize 2010 of the High Energy Astrophysics Division of the American Astronomical Society, with F. Aharonian, H. Völk and the H.E.S.S. Collaboration

Descartes Research Prize 2006 of the European Commission for the H.E.S.S. Collaboration

Memberships

Heidelberg Academy of Sciences, since 2010

German Physical Society

American Physical Society

Research Areas

High-energy gamma-ray astrophysics (with the H.E.S.S. experiment, and earlier with HEGRA, CRT; strongly involved in the future CTA facility)

Physics of heavy quarks, CP violation (LHCb experiment at CERN and earlier DASP II, ARGUS, HERA-B experiments at DESY)

Development of instrumentation for high-energy physics and high-energy astrophysics: calorimetry (1974-1982), silicon detector systems (1988-2005), detection systems for high-energy cosmic gamma rays (since 1988)

Neutrinoless double beta decay (GERDA experiment at LNGS))

QCD, quark and gluon fragmentation, physics of jets (1974-1990, with the SFM (CERN), DASP II (DESY), PEP4-TPC (SLAC) experiments)