

Johanna Stachel

Physikalisches Institut der
Universität Heidelberg
Im Neuenheimer Feld 226
D 69120 Heidelberg

- Born: München, Germany
Date: December 3, 1954
- Education:
Diplom, Johannes-Gutenberg-Universität Mainz, Germany, June 1978
Ph.D. rer. nat., Johannes-Gutenberg-Universität Mainz, Germany, June 1982 (summa cum laude)
- Professional Experience:
Research Associate, Institute of Nuclear Chemistry, Johannes-Gutenberg-Universität Mainz, Germany, 1979-1983
Research Associate, Nuclear Structure Laboratory, SUNY at Stony Brook, April 1983 - August 1984
Visiting Assistant Professor, Dept. of Physics, SUNY at Stony Brook, September 1984 - August 1985
Assistant Professor, Dept. of Physics SUNY at Stony Brook, September 1985 - August 1989
Associate Professor, Dept. of Physics SUNY at Stony Brook, September 1989 - March 1994
Professor, Dept. of Physics SUNY at Stony Brook, March 1994 - January 1996
Professor, Physikalisches Inst. Universität Heidelberg, since January 1996
Dean of the Faculty of Physics and Astronomy, Univ. Heidelberg, October 2003 - 2005
Vice-Dean of the Faculty of Physics and Astronomy, Univ. Heidelberg, October 2005 - September 2012
Spokesperson, CERN SPS Experiment NA45/CERES, 1997-2005
Supervisory Editor, Nucl. Phys. A, 1997 - 2012
Project Leader, ALICE Transition Radiation Detector, since 2000
Member ALICE Management Board, since 2000
Spokesperson, BMBF Forschungsschwerpunkt ALICE at LHC, since 2006
President, Deutsche Physikalische Gesellschaft, April 2012 - April 2014
Vicepresident, Deutsche Physikalische Gesellschaft, April 2014 - April 2016
- Current Research Interests:
Collisions of nuclei at ultrarelativistic energies, Quark-Gluon Plasma, ALICE experiment at CERN LHC
Phenomenology of high energy nuclear collisions
Detectors for particle physics experiments

- Publications:
 - more than 400 scientific publications,
 - more than 175 talks at int. workshops and conferences
 - more than 120 seminars and colloquia

- Fellowships and Awards:
 - Fellowship of the Studienstiftung des Deutschen Volkes, 1975-1982
 - Preis der Johannes-Gutenberg-Universität, for best Ph.D. Thesis of the year 1982
 - Feodor-Lynen-Fellowship of the Alexander-Von-Humboldt-Stiftung, 1983-1985
 - Alfred P. Sloan Fellowship, February 1986
 - Presidential Young Investigator Award, March 1988
 - Fellow of the American Physical Society, 1997
 - Member, Berlin-Brandenburgische Akademie der Wissenschaft, 1998
 - German Bundesverdienstkreuz, May 1999.
 - Lautenschläger-Forschungspreis der Universität Heidelberg, September 2001.
 - Member, Academia Europaea, 2012.
 - Lise Meitner Prize of the European Physical Society, 2014.
 - Ehrenmitglied Physikalischer Verein Frankfurt, 2014.
 - Member, Heidelberger Akademie der Wissenschaften, 2015.
 - Member, Nationale Akademie der Wissenschaften Leopoldina, 2015.

- Committees:
 - Member, APS Division of Nuclear Physics Program Committee, 1991 - 1993
 - Member, Program Initiation Group for Nuclear and Particle Physics, National Research Council
 - Member, Nuclear Science Advisory Committee, September 1992 - August 1995
 - Member, Board on Physics and Astronomy, National Research Council, 1993 - 1996
 - Member, AUI Visiting Committee for Brookhaven Nat. Lab. Physics, Lightsource, AGS, RHIC, Reactor, Instrumentation, Accelerator Development, 1994 - 1997
 - Member and Vicechair, Experimentausschuß GSI, 1995-2000, chair 1999 - 2000
 - Cochair NuPECC working group Nucleus-Nucleus Collisions and the Phase Transitions of Nuclear Matter, 1996-1998
 - Working Groups on Long-Term Perspectives of GSI, Member of working group “Nuclear Collisions at Maximum Baryon Density”, February 1996.
 - Member Gutachterausschuss “Komplexe Systeme der Kern- und Teilchenphysik” of the German BMBF, 1996 - 2002.
 - Member, CERN SPS Committee, 1996 - 1999.

Member, NIKHEF Scientific Advisory Committee, 1999 - 2003, chair 2001.

Member, DESY Wissenschaftlicher Rat, 1999-2001.

Member, Dean's Advisory Committee for the LNS, MIT, 1999-2004.

Member, Review Panel of the Norwegian Research Council for CERN physics in Norway, 1999 - 2003.

Member, Committee for DPG Denkschrift z. Jahr der Physik 2000.

Member, Scientific Policy Committee of the CERN Council, 2000 - 2005.

Member, Selection Committee Studienstiftung des Deutschen Volkes, 1996-2003.

Member, Jury for Erwin-Schrödinger-Preis, 2004-2006.

Member, Jury for the Landesforschungspreis Baden-Württemberg 2004-2008.

Member, Scientific Advisory Board of the Wilhelm und Else Heraeus Stiftung, since 2006.

Member, Scientific Advisory Board Helsinki Institute of Physics, 2007-2012.

Member, Scientific Review Committee DAPNIA, CEA, Saclay, 2007-2009.

Member, Scientific Advisory Board, Frankfurt Institute of Advanced Studies, 2007-2012.

Member and Chair of the Universitätskommission, 2007-2009.

Member Search Committee Indefinite Scientific Staff Positions CERN, 2008-2011.

Member EMMI Scientific Council, since 2008.

Member Universitätsrat Heidelberg, since 2009; deputy chair since 2016.

Member Gründungsaufsichtsrat and Aufsichtsrat KIT, 2009-2015.

Vertrauenswissenschaftlerin Alexander-von-Humboldt-Stiftung, since 2009.

Berichterstatterin Forschungfeldevaluation der Max-Planck-Gesellschaft 2011/2012.

Member, ERC Advanced Grant Panel, 2011-2013.

Member, Scientific Advisory Board, ECT* Trento, Italy, 2013-2016.

International council member, Council of the American Physical Society, since 2016.