

PETER GODDARD

Curriculum Vitae

Date and Place of Birth:

3rd September 1945, at Woking, Surrey, England

Education:

Emanuel School, London SW11, 1957–1963;

Trinity College, Cambridge (1963–69): First Class Honours in Mathematical Tripos Part I (1964), Preliminary Examination for Part II (1965) and Part II (1966); Distinction in Mathematical Tripos Part III (1967); Mayhew Prize (1967);

Research Student, Department of Applied Mathematics and Theoretical Physics, University of Cambridge (1967–70): Rayleigh Prize (1969).

Degrees:

University of Cambridge: BA (1966); MA PhD (1971); ScD (1996).

Present Positions:

Professor Emeritus, School of Natural Sciences, Institute for Advanced Study, Princeton, New Jersey (since July 2016; Director 2004–2012; Professor 2012–2016);

Fellow of St John's College, Cambridge

(1975–1994 and since January 2004; Master 1994–2004).

Membership of Professional Bodies, etc:

Fellow, Royal Society of London (since 1989);

Member, London Mathematical Society (since 1989; President 2002–2003);

Fellow, Institute of Physics (since 1990);

Fellow, Royal Society of Arts (since 1998);

Member, American Mathematical Society (since 2007).

Honours and Prizes:

Honorary Fellow, Trinity College, Dublin (since 1995);

Dirac Prize and Medal of the International Centre for Theoretical Physics, Trieste (1997);

Commander of the Order of the British Empire (for contributions to Theoretical Physics, 2002);

Honorary Fellow, Trinity College, Cambridge (since 2009);

Honorary Fellow, Isaac Newton Institute for Mathematical Sciences (since 2011, Senior Fellow 1994–2010).

Previous Positions:

Research Fellow, Trinity College, Cambridge (Oct 1969–Sep 1973; on leave of absence 1970–1973);

Visiting Scientist, CERN, Geneva (Sep 1970–Sep 1972);

Lecturer in Applied Mathematics, University of Durham (Oct 1972–Sep 1974);

University Assistant Lecturer (Oct 1974–Mar 1976), University Lecturer (Apr 1976–Sep 1989), Reader in Mathematical Physics (Oct 1989–Sep 1992) and Professor of Theoretical Physics (Oct 1992–Jan 2004) in the Department of Applied Mathematics and Theoretical Physics, University of Cambridge;

Fellow (Jan 1975–Sep 1994), Lecturer in Mathematics (Jan 1975–Sep 1991), Tutor (October 1980–Sep 1987), Senior Tutor (Oct 1983–Sep 1987) and Master (Oct 1994–Jan 2004), St John's College, Cambridge;

Deputy Director, Isaac Newton Institute for Mathematical Sciences, University of Cambridge (Oct 1991–Sep 1994);

Director (Jan 2004–Jun 2012) and Professor (Jul 2012–Jun 2016), Institute for Advanced Study, Princeton, New Jersey.

Visiting Positions:

Consultant, Lawrence Berkeley Laboratory, Berkeley, California (Aug–Sep 1974);

Member, School of Natural Science, Institute for Advanced Study, Princeton, New Jersey (Sep–Dec 1974);

Research Associate, CERN, Geneva (Jul–Sep 1976; Jan–Sep 1978; Jul–Aug 1980; Aug 1987);

Visiting Professor of Mathematics and Physics, University of Virginia, Charlottesville, Virginia (Jan–Apr 1983);

Member, Institute for Theoretical Physics, University of California, Santa Barbara, California (Aug–Dec 1986);

Visiting Professor, Tata Institute of Fundamental Research, Bombay, India (Dec 1986–Jan 1987);

S.E.R.C. Visiting Fellow, Imperial College, London (Jan–Apr 1987);

Member, School of Mathematics, Institute for Advanced Study, Princeton, New Jersey (Jan–Apr 1988);

Member, Institute for Theoretical Physics, University of California, Santa Barbara, California (Aug–Dec 1990);

Visiting Member, Institut des Hautes Etudes Scientifiques, Bures-sur-Yvette, France (Mar–Apr and Aug–Sep 1995).

Other Positions and Experience:

CHAIRMAN: Scientific Policy Committee, U.K. Theoretical Physics Summer Institute (1979–1981); Library Committee, St. John's College (1988–1994); Organising Committee for the Commemoration of Paul Dirac in Westminster Abbey (1994–95); London Borough of Lambeth Enquiry into the Provision of 16-19 Education (2000); Review Panel, Erwin Schrödinger Institute for Mathematical Physics (2008); Scientific Council of the ICTP-South American Institute for Fundamental Research (2011–).

University of Cambridge: Organising Committee, Faculty of Mathematics Courses for School Teachers (1977, 1980, 1983, 1985), Working Group for Relocating the Departments of Mathematics (1992–2000), Appointments Committee of the Department of Chemical Engineering (1994–2003), University of Cambridge Local Examination Syndicate [UCLES] (1998–2003; Chairman: Advisory Council for New Technologies in Assessment 1998–2003; Remuneration Committee of UCLES 1998–2003), Colleges Committee Working Group on Access to the University (2000–2001), Committee on Council Committees (2001–2003), Information Strategy Group (2001–2003), Joint Committee on Admissions (2001–2003), Business Committee of the Council (2001–2003).

MEMBER: Council of St John's College, Cambridge (1978–1982, 1983–1986, 1989–1990, 1991–2004); Council of the Royal Society (2000–2002); Board of Cambridge in America (2003–2009); Board of Trustees, Institute for Advanced Study, Princeton (2004–2012); Board of American Friends of the Royal Society (2008–);

University of Cambridge: Council (2000–2003), *Septemviri* [Court of Appeal] (1997–2000), Library Syndicate (1999–2003), Management Committee of the Mathematics Millennium Project (1999–2002), Advisory Committee on Women in Science, Engineering and Technology (1999–2002), Board of Managers for the Kuwait Foundation Fund (1999–2003), Working Party on Ethical Guidelines over Financial arrangements with External Bodies (2000–2001), Joint Consultative Committee on Admissions (2000–2001), Development and Public Relations Committee (2001–2003), Planning and Resources Committee (2001–2003), Finance Working Party (2002–2003).

Advisory Board, Mathematics Research Centre of the University of Warwick (1990–1994); Mathematics College of the Engineering and Physical Sciences Research Council (1994–1999); Court of the University of Hull (1994–2004); Fields Institute (Toronto)/Centre de Recherches Mathématiques (Montreal) Co-ordinating Committee (1995–1997); Scientific Review Committee of High Energy Physics, Weizmann Institute, Israel (2001); Scientific Advisory Committee of the Hamilton Mathematical Institute, Trinity College, Dublin (2003–2009); Advisory Board of Nanyang Technological University Institute for Advanced Study (since 2005); British North America Committee (2005–2008); Board of Trustees, Technische Universität München Institute for Advanced Study (2006–2011); Visiting Committee, Radcliffe

Institute for Advanced Study, Harvard University (2007–11); Hong Kong University of Science and Technology Institute for Advanced Study International Advisory Board (since 2008); Board of Directors, American Friends of the Royal Society (since 2008); Review Panel, Dublin Institute for Advanced Study (2009); Royal Society Physical Sciences Awards Committee (2010–2016); Board of Directors, Israel Institute for Advanced Studies (since 2011); Review Committee (2011) and International Academic Advisory Committee (2012–2015), Peter Wall Institute for Advanced Studies, University of British Columbia; Excellence Initiative Evaluation Group, University of Freiburg (2012); External Review Committee, Swiss National Science Foundation National Centres of Competence in Research (NCCR) Selection Panel (2013); Hong Kong University of Science and Technology Institute for Advanced Study (2014); Evaluation Committee, Collegium Helveticum, Zürich (2014); Review Committee, Swiss NCCR SwissMAP (2015–); Academic Advisory Board for the Natural Sciences, Swedish Collegium for Advanced Study (2016–); Department of Mathematical Sciences Advisory Board, University of Durham (2016–)

Institute for Advanced Study (2016–): School of Social Science Search Committee in Politics (2016–2017), School of Natural Sciences Search Committee in Biology (Chair, 2017–).

GOVERNOR: Berkhamsted School, Hertfordshire (1985–1996); Emanuel School, London (1991–2003); Shrewsbury School (1994–2004); Hills Road Sixth Form College, Cambridge (1999–2003, Chairman of Governing Body 2001–2003).

ORGANISER: Research Program on Conformal Field Theory and Related Topics, Institute for Theoretical Physics, University of California, Santa Barbara, California (Aug–Dec 1990); London Mathematical Society Durham Research Symposium on Conformal Field Theory, 9–19 July 1991.

EDITOR: Cambridge Lecture Notes in Physics, Cambridge University Press (1992–2002); Publications of the Newton Institute, Cambridge University Press (1992–1994).

MEMBER OF EDITORIAL BOARDS: Mathematical Proceedings of Cambridge Philosophical Society (1976–1996); *Physica D Nonlinear Phenomena* (1980–1986); *Journal of Physics A* (1981–1984); *Nuclear Physics B* (1990–2000); *Proceedings of the Royal Society A* (1990–1994); *Nonlinearity* (1993–1997).

Research Students:

R.C.D. Horsley (1975–1977; Ph.D. 1978); N.S. Manton (1975–1978; Ph.D. 1979); G.P. Moody (1978–1981; Ph.D. 1982); P.R.W. Mansfield (1979–1982; Ph.D. 1983); A.J. Soper (1980–1983; Ph.D. 1983); M.C. Bowman (1981–1984; Ph.D. 1984); A.P.A. Kent (1982–1985; Ph.D. 1986); R.M. Ashworth (1984–1988; Ph.D. 1988); P. Bowcock (1985–1988; Ph.D. 1988); G.M.T. Watts (1987–1990; Ph.D. 1990); H.G. Kausch (1987–1991; Ph.D. 1991); P.S. Montague (1988–1991; Ph.D. 1991); P.C.C.

Tolman (1989–1992; Ph.D. 1993); A. Mukerjee (1990–1994; Ph.D. 1994); T.M.L. Loke (1991–1994; Ph.D. 1994); M.R. Gaberdiel (1992–1995; Ph.D. 1995); K. Lucke (1993–1996; Ph.D. 1997); R.G.D. Hinchliffe (1993–1998; Ph.D. 1998); S.J. Dean (1994–2000); S. Monni (1997–2001; Ph.D. 2001); A.M. Neitzke (1999); S. Schafer-Nameki (1999–2003; Ph.D. 2003); A. Kleinschmidt (2000–2004; Ph.D. 2004).

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