

Philip Candelas

Current Position: Rouse-Ball Professor of Mathematics
University of Oxford

Date and Place of Birth: 24 October 1951, London, U.K.

Nationality: UK/US

Marital Status: Married to Xenia de la Ossa, two daughters:
Abigael, born 8 November 1986, and
Raquel, born 18 May 1991.

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Positions held:

- 1999– Rouse-Ball Professor of Mathematics, University of Oxford
 1989 University of Texas at Austin, Full Professor
 1983 University of Texas at Austin, Associate Professor
 1977 University of Texas at Austin, Assistant Professor, Department of Physics
 1976–77 University of Texas at Austin, Research Associate, (on leave from Balliol)
 1975–77 Balliol College, Oxford, Junior Research Fellow

Degrees:

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|---------|--------------------------------|---|
| 1977 | D. Phil., University of Oxford | Thesis title: Quantum Gravity |
| 1973–75 | Dept. of Astrophysics, Oxford | Work in Relativity and Field Theory |
| 1972–73 | Wadham College, Oxford | Work in Relativity with D.W. Sciama |
| 1970–72 | Christ's College, Cambridge | First Class in Mathematics, Parts IB & II |

Significant Visiting Appointments:

- 1995 Visiting Professor, Department of Physics, Princeton University, (Spring).
 1993–94 Visitor, Institute for Advanced Study, Princeton.
 1991–93 Scientific Associate and Special Staff Member, Cern, Geneva.
 1986 Program on String Theory, ITP, Santa Barbara, (Fall).
 1984 Program on Kaluza–Klein Theory, ITP, Santa Barbara, (Fall).
 1980 Program on Quantum Gravity, ITP, Santa Barbara, (Spring).

Research Support:

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|---------|--|------------|-------------|
| 1979–82 | (with Wheeler and Sciama) | PHY7826592 | \$166,000 |
| 1982–85 | (with Wheeler) | PHY8205717 | \$213,655 |
| 1985–88 | (with Wheeler) | PHY8503890 | \$246,606 |
| 1988–90 | | PHY8806377 | \$42,000 |
| 1990–95 | (with Fischler, Kaplunovsky, Polchinski, Weinberg) | PHY9009850 | \$1,448,035 |
| 1995–99 | (with Distler, Fischler, Kaplunovsky, Weinberg) | PHY9511632 | \$1,244,325 |
| 2001–02 | EPSRC Fast Stream Grant GR/R61017/01 | | £62,147 |
| 2003–06 | EPSRC Grant: Geometry of String Compactification | | £190,446 |
| 2007 | EPSRC Grant: Twistors, Strings and Scattering Amplitudes
(with Bolton, de la Ossa and Mason)
An LMS Durham Symposium | | £12,204 |

Distinguished Lectures

- October 10, 2008: Opening Ceremony of the Graduirtenkolleg
“The Impact of Physics on Mathematics”,
 Gottfried Wilhelm Leibniz Universität Hannover
- November 29, 2007: The 2007 Oxford Lecture,
“A Des Res in the Landscape”, University of Oslo
- November 17, 2007: Hundredth Anniversary of the Institute of Catalan Studies,
“The Impact of Modern Theoretical Physics on Mathematics”,
 Institut d’Estudis Catalans, Barcelona

Conference Organiser

- July 8-20, 2007: *p-adic Analysis, Periods and Physics*
 (with X. de la Ossa and F. Rodriguez-Villegas),
 Benasque, Spain
- August 19-25, 2007: *Twistors, Strings and Scattering Amplitudes*
 (with J. Bolton, X. de la Ossa and L. Mason),
 An LMS Durham Symposium
- January 10-14, 2005: *Twistor String Theory*
 (with J. Bolton, X. de la Ossa and L. Mason),
 University of Oxford

Ph.D. Dissertations Supervised:

- K.W. Howard (1984) Currently consulting in telecommunications.
- B.P. Jensen (1985) Currently working in communication technology.
- C.R. Ordóñez (1986) Currently Associate Professor at Houston University.
- C.A. Lütken (1986) Currently Professor of Physics at the University of Oslo.
- R. Schimmrigk (1989) Currently Associate Professor at South Bend Indiana.
- M. Lynker (1990) Currently Professor at South Bend Indiana.
- A. He (1990) Currently working in magnetic imaging with Boston Scientific.
- L. Parkes (1992) Has joined a religious order.
- P. Berglund (1993) Currently Associate Professor at New Hampshire.
- E. Derrick (1994) Currently Director, Research Competitiveness , at the AAAS.
- D. Jančić (1995) Currently Research Program Analyst at Johns Hopkins Medical Center
- A. Avram (1997) Currently VP at Morgan Stanley Smith Barney.
- R. Govindan (1998) Currently working in finance.
- E. Perevalov (1998) Currently Associate Professor at Lehigh University.
- B. Florea (2002) Currently Quantitative Analyst with BNP Paribas.
- S. Kadir (2004) Currently a PDRA at the University of Hannover.
- V. Bouchard (2005) Currently Assistant Professor at the University of Alberta.
- Wen Jiang (2008) Currently working in finance.
- L. Anderson (2008) Currently a PDRA at the University of Pennsylvania.