

Curriculum Vitae of Hiranya V. Peiris

Academic Record

- Nov 2003: Doctor of Philosophy: Astrophysics, **Princeton University** (Advisor: Prof. David N. Spergel)
Title: “*WMAP First Year Results: Cosmological Parameters and Implications for Inflation*”
- June 2001: Master of Arts in Physics, **Princeton University**
- June 2000: Master of Arts in Astrophysics, **Princeton University**
- 1994-1998: Bachelor of Arts & Master of Science in Natural Sciences (Physics, 1st Class Honours)
University of Cambridge

Research Record

- Sep 16 – present: Professor in Cosmoparticle Physics, Department of Physics, **Stockholm University**
- Oct 15 – present: Professor of Astrophysics, Dept. of Physics and Astronomy, **University College London**
- Sep 16 – Jan 22: Director, **Oskar Klein Centre for Cosmoparticle Physics**, Stockholm
- Oct 12 – Sep 15: Reader, Dept. of Physics and Astronomy, **University College London**
- Oct 09 – Sep 12: University Lecturer, Dept. of Physics and Astronomy, **University College London**
- Oct 07 – Sep 12: STFC Advanced Fellowship, held at **Cambridge University** and **University College London**
- Oct 04 – Sep 07: Hubble Postdoctoral Fellowship (NASA/STSci), held at the **University of Chicago**
- Nov 03 – Sep 04: Research Associate, Dept. of Astrophysical Sciences, **Princeton University**

Professional Esteem Indicators

- 170+** invited presentations, including seminars, colloquia, and international conferences
- Citation count: **63,046** (iNSPIRE-HEP/ADS); **157** journal publications; **3** invited review articles
- Vice-President (Astronomy), **Royal Astronomical Society** (2016–2018)
- Council Member, **Science and Technology Facilities Council**, U.K. (2020–)
- ADS Hirsch h-factor: **69**; Hirsch m-factor gradient: **3.0**
- Organizer/session convenor at **24** international symposia
- European Research Council** Starting Grant PI (2013–2018), Advanced Grant PI (2021–)
- Distinguished Visiting Research Chair, **Perimeter Institute**, Canada (2022–)

Prizes, Awards, and Competitive Fellowships (*since PhD*)

- 2021: Eddington Medal, Royal Astronomical Society, U.K.
- 2021: Max Born Medal and Prize, German Physical Society and Institute of Physics, U.K.
- 2020: Göran Gustafsson Prize in Physics, Göran Gustafsson Foundation / Royal Swedish Academy of Sciences
- 2018: Fred Hoyle Medal and Prize, Institute of Physics, U.K.
- 2018: Gruber Cosmology Prize (awarded to Planck Collaboration), Gruber Foundation, U.S.A.
- 2018: Breakthrough Prize in Fundamental Physics (awarded to the WMAP Science Team), U.S.A.
- 2018: Buchalter Cosmology Prize, co-recipient
- 2017: Svein Rosseland Lecture, University of Oslo, Norway
- 2016: Elected Fellow of the American Physical Society
- 2014: Buchalter Cosmology Prize, co-recipient
- 2012: Gruber Cosmology Prize (awarded to the WMAP Science Team), Gruber Foundation, U.S.A.
- 2012: Fowler Prize, Royal Astronomical Society, U.K.
- 2009: Philip Leverhulme Prize, The Leverhulme Trust, U.K.
- 2008: Junior Research Fellowship, King’s College, Cambridge
- 2007: STFC Advanced Fellowship, UK Science and Technology Facilities Council
- 2007: Halliday Prize, given to the top scientist selected for STFC Advanced Fellowship
- 2007: Kavli Frontiers Fellow, US National Academy of Science (of 76 named in all fields in 2007)
- 2004 & 2007: 2 Group Achievement Awards to WMAP Science Team awarded by NASA
- 2004: Hubble Postdoctoral Fellowship (NASA/STSci), held at University of Chicago
- 2004: Enrico Fermi Fellowship, Enrico Fermi Institute, University of Chicago, U.S.A.

Professional Affiliations and Service

Societies: Royal Astronomical Society, American Astronomical Society, Institute of Physics (UK), American Physical Society

Projects: Wilkinson Microwave Anisotropy Probe Science Team (2002-2006); Planck High Frequency Instrument Core Team (2009-); Dark Energy Survey (DES) Collaboration (2013-); LSST Dark Energy Science Collaboration (LSST DESC) (2013-); Dark Energy Spectroscopic Instrument (DESI) Collaboration (2015-)

Editor: Physics Letters B (2015-2021)

Referee: Monthly Notices of the Royal Astronomical Society, Physical Review Letters, Physical Review D, Journal of Cosmology and Astroparticle Physics, Science, General Relativity and Gravitation, Classical and Quantum Gravity

Panels: DiRAC (UK National HPC) Resource Allocation Committee; Computing Advisory Panel to STFC U.K.; External Advisory Committee, Simons Observatory; Science Advisory Board, Flatiron Institute; European Research Council Consolidator Grants PE9 Panel; LSST DESC Collaboration Council; LSST DESC Publication Board; LSST Corporate Operations Committee; General Member, Aspen Center for Physics; LSST DESC Advisory Board; Council Member, STFC U.K.; Member, LSST Survey Cadence Optimisation Committee; STFC Education, Training & Careers Committee

Reviewer: Canadian Space Agency; STFC, U.K.; L'Agence Nationale de la Recherche (ANR), France; European Research Council (ERC).

Research Grant Income (last 10 years): €12.22M awarded as PI, **€9.19M** as Co-I in the last 10 years.

Record of Supervision (since 2007): Nine PhD students as primary supervisor, and five students as second supervisor; 22 postdoctoral researchers as line manager.

Publication statistics since 2000: (inSPIRE) h-index: **69**; **20** “Renowned” (500+), **7** “Famous” (250-499), **21** “Very Well Known” (100-249), **36** “Well Known” (50-99) papers; Citations per paper: **360**