

# 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, 1<sup>st</sup> Class Honours)  
**University of Cambridge**

## Research Record

- Sep 16 – present: Director, **Oskar Klein Centre for Cosmoparticle Physics**, Stockholm
- Sep 16 – present: Professor in Cosmoparticle Physics, Department of Physics, **Stockholm University**
- Jan 13 – present: European Research Council “Ideas” Laureate, ERC Starting Grant PI
- Oct 15 – present: Professor of Astrophysics, Dept. of Physics and Astronomy, **University College London**
- 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

- 160+ invited presentations, including seminars, colloquia, and international conferences
- Citation count: **42,024** (InSPIRE/ADS); **129** journal publications; **3** invited review articles
- Vice-President (Astronomy), **Royal Astronomical Society** (2016–2018)
- ADS Hirsch h-factor: **55**; Hirsch m-factor gradient: **3.0**
- Organizer/session convenor at **20** international symposia

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

- 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.
- 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-); Large Synoptic Survey Telescope (LSST) Collaboration (2013-); Dark Energy Spectroscopic Instrument (DESI) Collaboration (2015-)
- Editor: Physics Letters B
- 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 member; LSST DESC Collaboration Council Member; LSST DESC Publication Board Member; LSST Corporate Operations Committee Member; General Member, Aspen Center for Physics  
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):** £5.87M in grant funding as PI, £5.53M as Co-I.

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

**Publication statistics since 2000:** (inSPIRE) h-index: **55**; **13** “Renowned” (500+), **4** “Famous” (250-499), **15** “Very Well Known” (100-249), **25** “Well Known” (50-99) papers; Citations per paper: **296**